CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Plant, etc., Minneapolis, Minn., Minneapolis Gas Light Co., $5,000,000-$10,000,000.

Department store, Cleveland, O., Cleveland Universal Terminal Co., $3,000,000.

Apartment, etc., Chicago, Ill., Syndicate c/o A. L. Himeblau, archt., $2,500,000.

Store and office, New York, N. Y., Two Hundred Seventy B'way. Corp., R. A. Bowling, Pres., bids in December, $2,500,000.

Refinery plants, Texas, Texas Co., Houston (subsidiary Texas Co., 17 Battery Pl., New York), $2,400,000.

Retail store, Englewood (sta. Chicago), Ill., Wieboldt Stores, Chicago, $2,000,000.

Building board and paper mill, St. Helens, Ore. Fir-Tex Insulated Board Co. of Portland, $2,000,000.

Bank and office, Los Angeles, Calif., Owner, c/o H. S. Mackey, archt., $2,000,000.

Roads, Brownwood, Tex., Brown Co., voted, $1,650,000.

Storehouse, Somerville (br. Boston), Mass., First Nat. Stores, $1,500,000.

Bank and office, Albany, N. Y., National Savings Bank, bids after Jan. 1, $1,500,000.

Apartment, New York, N. Y. One Forty-Nine East 47th St., Corp., $1,500,000.

Hydro power development, High Falls, Que., D. MacLaren, et al., Buckingham, $1,500,000.

Hotel, Fairfax, Calif., Western Management & Finance Co., San Francisco, $1,250,000.

Bids Desired

Bridges, Alabama, Nov. 17, by Alabama State Bridge Corp., Montgomery, $5,000,000.

Factory, Windsor, Ont., Chrysler Corp. of Canada, bids about Nov. 1, $1,500,000.

Bids Received

Subway, Long Island City, N. Y., Bd. Transportation, J. H. Delaney, chn., Sect. 2, Route 108 from J. F. Cogan Co., Grand Central Terminal, New York, $8,245,000.

Contracts Awarded

Hydro-electric plants, Spain, Segura & Jugar Hydro-electric Development Co., to Fox Bros. International Corp., New York, est. $20,000,000.

Rayon plant, Asheville, N. C., American Enka Corp., to H. K. Ferguson Co., Hanna Bldg., Cleveland, O., est. $10,000,000.

Gas pipe line, Texas and Nebraska, Texas Corp., 17 Batery Pl., New York, pipe, to A. O. Smith Corp., 120 Bway., New York, $8,000,000-$9,000,000 total est. $25,000,000.

Subway, New York, N. Y., Bd. Transportation, J. H. Delaney, chn., Sect. 3, Route 18, to Clemente Contg. Co., $4,813,000.

Public Bond Elections, coming and decided, are listed on Construction News page 208.

Apartment, New York, N. Y., Bricken Constr. Co., separate contracts, $4,500,000.

Factory, Tonawanda, N. Y., Curtiss Airplane &Motor Co., to James Stewart & Co., New York, $3,000,000 cost plus percentage basis.

High school, New York, N. Y., Bd. Educ., general contract, to J. T. Brady & Co., and others totaling $2,857,146.

Railway, Ontario, Toronto Transportation Comn., Toronto, partly by day labor and partly by contract, $2,000,000.

Hotel, Toronto, Ont., Hotel Toronto, Ltd., to W. H. Yates Constr. Co., Ltd., est., $1,800,000.

Theatre and convention hall, Asbury Park, N. J., Bd. City Comrs., general contract to Turner Constr. Co., New York, and others, totaling $1,711,975.

Apartment, Chicago, Ill., B. L. Steif & Co., archts., to C. E. Erickson & Co., est. $1,500,000.

Office, Toronto, Ont., F. H. Wilkes, archt., general contract, to Anglin Norcross, Ltd., and excavation to G. L. Campbell Co., for owners, est., $1,500,000.

Apartment, New York, N. Y., Ashwood Realty Corp., separate contracts, $1,150,000.

Apartment, New York, N. Y., Seventy-Five Central Park West Corp., to Fred. T. Ley, est., $1,000,000.

Apartment hotel, Cleveland, O., Owners Investment Co., to Austin Co., est., $1,000,000.

Apartment and hotel, New York, N. Y., Sailors Snug Harbor, to William Kennedy, Brooklyn, est., $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

N. Y., Haverstraw—Waterworks. $450,000 bonds voted for same.

N. J., East Brunswick (mail New Brunswick) — Twp. Com., Town Hall, mains valves, hydrants, tower tank, appurtenances. $120,000. R. P. Wilson, 46 Paterson St., North Brunswick, twp. engr.

Ind., Hobart—Preliminary plans water and light system. Burns & McDonnell Eng. Co., 401 Interstate Bldg., Kansas City, Mo., engrs. Noted May 24.

Tex., Oakwood—City, c/o Mayor, complete waterworks and sanitary sewerage system. Koch & Fowler, 801 Central Bank Bldg., Dallas, engrs.

Bids Desired

N. Y., Brooklyn—Oct. 26, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Parrott Pl., Avenues R, T and Z, Lancaster, Narrows, Sheridan and 16th Aves., Bragg, Bristol, Hope, Hoyt, Messerole, McDonough and Richardson Sts.

N. Y., Herkimer—Oct. 29, by Municipal Comn., constructing Northern Supply Line and intake, 16 in. distribution line; also Herkimer Distribution Reservoir. C. L. Wood, supt.; adv. E. N.-R. Oct. 18.

N. J., Bayonne—Oct. 30, by Bd. City Comrs., City Hall, water supply. W. P. Lee, city clk.; adv. E. N.-R. Oct. 18.

Ala., Mobile—Oct. 26, by City Comrs., removing steam units, installing 5,200 g.p.m. centrifugal pumps at Bienville and Spring Hill pumping stations; installing 5,200 g.p.m. centrifugal pump in Spring Hill Booster Station. W. Smith, city engr.

Tenn., Memphis—Nov. 7, by Bd. Water Comrs., 15 m.g.d. steam turbine, reduction gear driven centrifugal pumping unit and condensing auxiliaries, 1 m.g.d. secondary hydraulic driven pumping unit. J. Sheahan, genl. supt.

Ill., Chicago—Oct. 23, by City, at office Bd. Local Impvts., c.i. water supply pipes, specials, castings, fire hydrants, valves, brick valve basins in 1 alley, West 43rd, 47th, 49th and 51st Sts., Caldwell, Jean, Wildwood, Tony, Lehigh, South Cicero, South La Crosse, South Lamon, South Laporte, South Lavergne, South Lawler, South Le Claire, South Leamington and South Laramie Aves. M. J. Faherty, pres.

Tex., Dalworth Park—Oct. 26, by T. E. Chenault, mayor pro. tem., c/o Grand Prairie Lumber Co., Grand Prairie, complete waterworks, incl. artesian well, 100,000 gal. tower and tank, 50,000 gal. rein.-con. or steel tank, 26,000 ft. 2- to 8-in. c.i. mains. H. B. McAllister, 519 North 12th St., Waco, engr. Noted July 12.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Wash., Seattle—Oct. 26, by Bd. P. Wks., 11,000 ft. 24 in. steel or c.i. main from Volunteer Park Reservoir to Queen Anne Standpipe. $150,000. W. D. Barkhuff, city engr. Noted Aug. 23.

Contracts Awarded

N. Y., Brooklyn—J. J. Dietz, comr. Water Supply, Gas and Electricity, Municipal Bldg., New York, mains in Avenues K, M, T and Z, to Riverdale Waterworks Corp., 1 Riverdale Ave., New York, $8,666. Noted Aug. 23.

N. Y., Long Island City — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Northern Blvd., to Gregory Contg. Co., 351 East 124th St., New York, $24,444.

Pa., Phila. — Dpt. P. Wks., Bureau of Water, Contr. 940, to J. Bugger, 2124 East Cumberland St. $6,547; Contrs. 941 and 942, to Acme Machine Co., 27 North 38th St., $2,484 and $28,550 respectively. Grand total $37,581. Noted Sept. 20.

Pa., Pittsburgh — Two steel water storage tanks, foundations, retaining wall, excav. at Spring Hill Tanks, Lappe Lane, N. S., to Pittsburgh-Des Moines Steel Co., Neville Island, $23,850. Est. $25,000.

Miss., Alcorn—See "Buildings — Educational, Religious."

Miss., Ellisville—Mississippi State Building Comn., Jackson, well, tank and tower, piping, at Colony for Feeble Minded, to Alonzo Hayden, Inc., Pass Christian, $24,430; sewers, to J. Middleton, Ellisville, $4,648; road work, to Boddie Constr. Co., Laurel, $11,997. Grand total $41,075.

Mich., Royal Oak (Ind. br. Detroit) — For 2 motor driven centrifugal pumps, one with 2,500 g.p.m., other 5,000 g.p.m. capacity for North Woodward Ave. Booster Station, to Worthington Pump & Mfg. Co., 2 Park Ave., New York, $11,520.

Tex., Eden—City, c/o H. Miller, mayor, complete waterworks, incl. tank and tower, to R. T. Swilling & Co., 423 Mercantile Bldg., Dallas, $20,738. Est. $25,000. Noted Sept. 20.

Tex., Galveston—Mains across Galveston Channel from point of Pier 14 on Galveston Island to point on Pelican split, to J. Jacobson, 2311½ Ave. C., $25,000.

Calif., Oakland — Directors East Bay Municipal Utility Dist., to Ward Eng. Co., Comm. Union Bldg., San Francisco, Pardee Reserve Outlet Tower, $150,908; Jackson Creek Spillway and Dike, $167,481; South Spillway, $286,164. Grand total $598,553. Noted Sept. 27.

Calif., Ventura—Reservoir, to Carpenter Bros., 457 North Canyon Dr., Beverly Hills, $125,000. Noted Oct. 11.

See Proposal advertising on page 134

Constr. News page 203

TRADE **"LEADITE"** MARK

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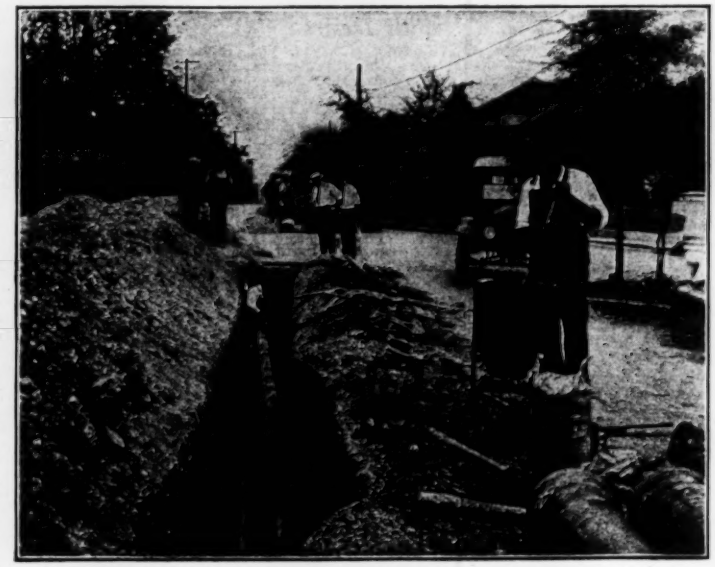

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NO CAULKING

Sewers

Proposed Work

N. Y., Buffalo—Sewers in Humboldt Park from Natural Science Bldg. to Herman St. C. E. P. Babcock, Municipal Bldg., engr.

N. J., Hillside—Twp. Com., Town Hall, storm sewer in section north of Lehigh Valley R.R. $546,916. C. Luster, 286 North Broad St., Elizabeth, twp. engr.

N. J., Millburn—Township Com., Town Hall, preliminary plans lateral storm sewers in streets west of west branch Parkway River. $75,000. E. R. Halsey, 79 Academy St., Newark, engr.

N. J., Union—Twp. Com., sanitary sewers in Argentine, Woldorf, and Tebe Places, $25,000; Tuxedo Pl., Boston and Amboy Sts., $30,000. H. Kreh, Falls Bldg., twp. engr.

Pa., Pittsburgh—Dpt. P. Wks., soon takes bids 15, 18, 36 and 42 in. relief sewer in 2nd Ave. between Lydia Way and Sullivan St. $42,000.

Ill., Galesburg—Gales Sanitary Dist., intercepting sewers $158,348; disposal plant $303,900; storm relief $265,150; Cedar Fork Improvement, $460,800; general work $118,812. Total $1,307,000. Election Nov. 6, $640,000, toward cost. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, engrs.

Ill., Rockford — Rockford Sanitary Dist., intercepting sewers. $500,000. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engrs.

N. D., Watford City—Sanitary sewerage system. $40,000. E. J. Thomas & W. Peterson, Minot, engrs.

Mont., Miles City — Soon takes bids sewers. To exceed $25,000. Burns & McDonnell Eng. Co., 401 Interstate Bldg., Kansas City, Mo., engrs. Noted Sept. 13.

Ark., Osceola—Preliminary plans sewerage system in Sewer Impvt. Dist. 5. T. H. Allen, 65 McCann St., Memphis, Tenn., engr.

Ark., Waldo—Preliminary plans sanitary sewers. To exceed $25,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Tex., Ennis — City, c/o C. W. Bryant, mayor, improving sewerage system. $25,000.

Tex., Oakwood—See "Waterworks."

Tex., Port Arthur — Sanitary sewer improvements from Woolworth Bldg. to Beaumont Rd. and other sections. $30,000. W. O. Bower, city engr.

Ont., Hanover—Council, sewage disposal plant, sewerage system. $142,000. Ontario Eng. Co., Fort Erie, engrs. Noted July 19.

Ont., Sandwich — East Sandwich Twp. covered drain storm relief sewer in Tecumseh Rd. $125,000. Newman & Armstrong, Davis Blk., Windsor, engr. Noted Oct. 4.

Ont., Toronto—York Twp. soon takes bids 6,000 ft. 8 in. and up vitr. tile sewers in Eglinton, Locksley and Lacey Aves. $37,188. F. B. Goedike, 40 Jarves St., engrs.

Ont., Weston—Town Council, 2 mi. 8 in. and up in open cut vitr. tile, concrete sewers. $100,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs. Noted Oct. 11.

Bids Desired

Mass., Newton (Ind. br. Boston)—Oct. 24, by G. E. Stuart, street comr., City Hall, vitr. sewers. To exceed $25,000.

N. Y., Long Island City — Oct. 24, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., sewers in Laurel Hill and Sutphin Blvds., 56th, 6th and Brinkerhoff Aves., Bliss, La Forge, 68th, Van Horn, Beddard, Ray, 172nd, 108th, 121st, Tuckerton, 77th and Beach 136th Sts.

N. J., East Orange—Oct. 22, by Bd. City Council, City Hall, storm water drain in Lloyd Brook Valley between Hamilton St. and Bloomfield town line and in Lawrence St. $30,000. Former bids rejected. E. Williger od, city engr.

N. J., Rutherford—Bd. City Council, City Hall, taking bids storm water drains in Feronia Way, Nevins St., Rutherford, Crane Van Riper, Noller and Babcock Aves. W. G. Innen, city engr.

Ky., Sturgis — Oct. 22, by City Clerk, sewers, disposal plant. To exceed $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo. ,engrs.

Mich., Pontiac—Oct. 26, by H. A. Maurer, city clk., 2,521 12- to 36-in. vitr. and rein.-con. storm and 2,574 ft. 6- to 18-in. vitr. sanitary sewer in Whittemore St. $50,000. J. R. Pollock, City Hall, engr.

Ont., Port Colborne — Oct. 22, by H. F. Johnston, town clk., 20,000 lin.ft. sanitary sewers, 7 sewage pumping stations. $75,-000. Wynne Roberts Son McLean, 44 Victoria St., Toronto, engrs. Noted Aug. 30.

Contracts Awarded

Mass., Worcester—City, A. B. Holstrom, supt., constructing brick, concrete pumping station, to A. N. Booth, Adams St., $16,475. Noted Oct. 4.

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, sanitary sewers in Seneca Turnpike, to Bird & Street Bros. Constr. Co., 815 Free St., $209,915.

N. J., Newark — Bd. City Comrs., City Hall, relief sewer in 2nd Ave., to Petrozello Bros., 335 Valley St., South Orange. Est. $50,000. Noted Sept. 13.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Survey, to Trio Constr. Co., 212 North 65th St., branch sewer in Atwood Rd. and Harlan St. $10,875, 66th St. $3,916; to Leva Bros., 104 West Gale St., Broad St. $10,151, Limekiln Turnpike $10,154, Michener St. $12,478; to M. J. Driscoll, 160 Apsley St., Coulter St. $15,968; to A. Mattia, 748 South 10th St., 59th St. $6,494, Sheffield St. $3,786, Unruh Ave. $9,523; to J. J. McHugh, 1617 Race St., Godfrey Ave., $14,680, Hasbrook St. $14,680; to James T. McDonnell & Co., 2313 South Front St., Lenape Rd. $20,648; to A. McMichael, 506 West Lindley Ave., Lindbergh Blvd. $1,848, St. Lukes St. $1,739; to Sabatini Vallone & Co., 2008 McKean St., Marvine St. $5,585, 13th St. $6,301, Woodcrest Ave. $8,427; to A. Di Sandro & Son, 6400 North 5th St., Mt. Pleasant Ave. $15,-208; to E. Ventresco, 6016 Ross St., 3rd St. $1,594; to P. and A. J. Ellis, Inc., 4th and Wyoming Sts., Park Ave. $8,628, main sewer in Sheffield and Crabtree Sts. $32,159. Grand total $214,842.

Miss., Alcorn—See "Buildings — Educational, Religious."

Miss., Ellisville—See "Waterworks."

Ky., Princeton—Sanitary sewers, disposal plant, to Carey-Reed Co., Lexington, $213,527.

O., Cleveland—Cuyahoga Co., 1,600 ft. concrete sewer in Cranwood Dr. (Impvt. 905), to H. J. Scott Constr. Co., 4816 Brookpark Rd., $32,160.

O., Cleveland — Southerly Intercepting Sewer connection to Bway. by route of East 33rd St., 3,832 ft. 4 ft. circular brick pipe, to Winterbottom-Connelly Co., 1406 West 25th St., $116,580.

Ill., Chicago — Bd. Local Impvts., City Hall, drains in West 81st Pl., West 81st, Eddy, Roscoe, Henderson and Melrose Sts., Kingston, Lowe, South Claremont, South Oakley, Cornelia and Newport Aves., to M. Murphy, 5753 South Peoria St.; Hyacinth St., to N. R. Rainieri, 5036 Montana St.; North Merrimac Ave., to A. Scully, 4504 Wrightwood Ave.; East 123rd St., South Kostner, South Tripp and South Kildare Aves., to A. Santucci, 619 South Ashland Blvd. Noted Sept. 20.

Ill., Jacksonville—City, North Side Sewage Disposal and Treatment Plant, to R. McCalman, Inc., Danville, $124,286. Est. $149,624. Noted Sept. 27.

Okla., Weatherford—R. Dickerson, city clk., 10,420 ft. 8- to 15-in. vitr. clay outfall sewer, disposal plant, Imhoff tank, to Sherman Iron Wks., 18 East Main St., Oklahoma City, $36,386. Est. $45,000. Noted Sept. 20.

Ont., Walkerville — See "Streets and Roads."

Waste Disposal

Bids Desired

N. Y., Brooklyn—Oct. 29, by Brooklyn Ash Removal Co., Inc., at office Dpt. Street Cleaning, Municipal Bldg., New York, installing furnaces, air preheaters, flues, for 3 complete incinerator plants. E. L. Collins, ch. engr.; adv. E. N.-R. Oct. 18.

Contracts Awarded

N. Y., Brooklyn—Brooklyn Ash Removal Co., Dpt. Street Cleaning, Municipal Bldg., New York, furnishing and driving piling, timber, dock work, bulkheads, concrete foundations and superstructures, Newtown Creek, to United Fireproofing Co., 8 West 40th St., New York, $514,398. Noted Sept. 27.

Bridges

Proposed Work

Pa., Pittsburgh — See "Streets and Roads."

Pa., Pittsburgh—New bridge over Pennsylvania R.R., on Aiken Ave. $200,000. Dpt.-P. Wks., Bureau of Bridges, engrs.

Mich., Port Huron—Pere Marquette Ry., Fort St. Union Depot, Detroit, H. A. Cassil, ch. engr., 3 span new railroad bridge over Black River and Pere Marquette Ry.

Minn., Clearwater—Wright Co. (Buffalo) and Sherburne Co. (Elk River), concrete bridge over Mississippi River. $25,000. E. R. Anderson, aud. Wright Co.

Kan., Wellington—Sumner Co., six 40 ft. span steel girder bridge. G. Roseberry, Wellington, engr.

Kan., Wellington—Sumner Co. one 30 ft. and seven 80 ft. span steel truss bridge or one 30 ft. and eleven 50 ft. span deck girder bridge over Arkansas River. J. W. Mavity, Wellington, engr.

Tex., Karnes City—Karnes Co., 1,600 ft. timber, steel vehicular bridge across San Antonio River, on Hy. 16. $60,000. E. L. Marek, Karnes City, resident engr.

Okla., Laverne—State Hy. Comn., Oklahoma City, 12 span 260 ft. pile trestle bridge over North Canadian River, near here, Harper Co. $40,000. C. R. Mandigo, Oklahoma City, engr.

Colo., Lamar — State Hy. Dpt., Denver, soon takes bids 6 span 200 ft. concrete, steel bridge, 20 ft. roadway over Arkansas River. $250,000. L. D. Blauvelt, Denver, engr. J. D. Bell, Pueblo, div. engr.

Calif., Knights Landing — Sutter Co. (Yuba City) and Yolo Co. (Woodland) preliminary plans steel bascule span bridge with concrete or steel approach spans over Sacramento River. $300,000. A. G. Proctor, engr. Yolo Co., Woodland.

Ont., Port Arthur—City Council, concrete, rein.-con. bridge over Canadian Natl. and Canadian Pacific Rys., on 4th Ave. $100,-000. J. A. Antonisen, City Hall, engr.

Ont., Toronto—North York Twp., 830 ft. steel truss bridge over Don River, on Bayview Ave. $200,000. Margison & Babcock, Royal Bank Bldg., engrs.

Bids Desired

Vt., Bethel—Oct. 19, by State Hy. Comn., Montpelier, concrete bridge, approaches. $25,000 or more. S. B. Bates, State House, Montpelier, hy. comr.

N. Y., New York—Oct. 24, by A. Goldman, comr. Plant & Structures, Municipal Bldg., East 238th St. bridge over Bronx River Valley.

N. J., Maplewood (br. South Orange)—Oct. 23, by Bd. Freeholders Essex Co., Court House, Newark, rein.-con. bridge, on Dunnell Rd. $25,000. W. H. Stickel, Hall of Records, co. engr.

Pa., Mercer—Oct. 24, by Comrs. Mercer Co., Bridge 3006, 128 ft. riveted through Pratt truss span, 24 ft. roadway; and Bridge 3007, 34 ft. concrete I-beam span, both Springfield Twp. E. J. Jones, co. clk.; adv. E. N.-R. Oct. 18.

North Carolina—Oct. 30, by State Hy. Comn., Raleigh, rein.-con. bridges on Project 6460, Lincoln Co., $38,600—Project 5310, Guilford Co., $53,000—Projects 2430 and 4820, Johnston and Wake Counties, $33,000. L. R. Ames, Raleigh, engr.

Alabama—Nov. 7, by State Hy. Comn., Montgomery, bridges, culverts on road between Montgomery and Orion, Montgomery Co.; on road between Oxford and Wedowee, Calhoun and Cleburne Counties.

Alabama — Nov. 27, by Alabama State Bridge Corp., W. Finnell, pres., at office State Hy. Dpt., Montgomery, bridges across Alabama River at Claiborne and Camden—across Coosa River, Cedar Bluff, Riverside and Childersburg—across Tennessee River, Scottsboro, Guntersville and Whitesburg—across Tombigbee River, Pickens Co., Jackson, Butler, Epes, Gainesville across Warrior River, Demopolis and Eutaw. $5,000,000; adv. E. N.-R. Oct. 18.

Illinois—Oct. 31, by State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, two 23 ft. span rein.-con. slab bridge, Route 18, Sect. 17-B-1, two 28 ft. rein.-con. slab bridges, three 42 ft. span rein.-con. girder bridge, Route 69, Sects. 121 and 122-B, La Salle Co.—two 28 ft. rein.-con. slab bridges, Route 130, Sect. 126-B, Edwards Co.—53 ft. rein.-con. girder and two 58 ft. span overhead bridge, Route 64, Sect. 130-V-1, Du Page Co.—one 17 ft. span rein.-con. slab overhead bridge, Route 164, Sect. 119-VB, Tazewell Co.—80 ft. rein.-con. substructure and four 30 ft. slab approach spans, also one 80 ft. steel superstructure, Route 144, Sect. 101-B and C, Jackson Co. F. T. Sheets, ch. engr.

Kan., Belvue—Nov. 2, by W. I. West, clk. Pottawatomie Co., Court House, Westmoreland, viaduct, near here. L. F. Whearty, Westmoreland, engr.

Arizona — Oct. 29, by State Hy. Comn., Phoenix, Black River Bridge, Rice-McNary Hy., 100,000 lb. structural steel, 568 sq.yd. sand asphalt, 548 lin.ft. link fabric and 230 lin.ft. guard fence. W. C. Lefebvre, hy. engr.

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The Invisible Superintendent at the Mortar Box

Prevents Fading of Colors

THE permanence of the mortar color in the joint depends not only upon the pigment selected but upon the mortar with which it is mixed. Too frequently the desired effect of harmony or contrast is entirely lost by the use of a mortar that fades the color and causes a washed-out appearance of the joint.

When BRIXMENT mortar is used this condition is eliminated. For BRIXMENT contains none of the strong acids or alkalies so frequently the cause of fading in other mortars.

The small amount of mineral oil combined with BRIXMENT when manufactured is a further protection to the color because it prevents moisture from penetrating the mortar and leaching out the pigments. *Architect's handbook on request.* Louisville Cement Company, *Incorporated*, Louisville, Kentucky.

District Sales Offices: 1610 Builders Building, *Chicago;* 301 Rose Building, *Cleveland;* 602 Murphy Building, *Detroit;* 101 Park Ave., *New York.*

BRIXMENT
for Mortar and Stucco

Bridges—(Continued)

California — Oct. 24, by C. H. Purcell, state hy. engr., Sacramento, concrete girder bridge across Las Encinas Creek, 3 mi. south of Carlsbad, San Diego Co.; one 20 ft. girder type rein.-con. bridge over Prima Desecha Canada, one 15 x 80 ft. span concrete arched culvert, Orange Co., for State Hy. Dpt., Sacramento.

California — Oct. 30, State Hy. Comn., Sacramento, repairing bridge over Sacramento River consisting one 320 ft., one 180 ft., one 60 ft. and one 40 ft. steel truss span and 787 ft. timber trestle of which 90 ft. west approach needs no repairs, point 1 mi. east of Redding, Shasta Co., constructing 50 ft., 38 ft., 34 ft., 30 ft. and 28 ft. rein.-con. steel overhead crossing over Atchison Topeka & Santa Fe R.R., Orange Co. C. H. Purcell, P. Wks. Bldg., Sacramento, engr.

Contracts Awarded

Vermont — State Hy. Dpt., Montpelier, bridge and approaches Stockbridge, to L. E. McLaughlin Co., Inc., 217 Jefferson Ave., New London, Conn., $53,659.

Mass., Easthampton—Dpt. P. Wks., Boston, 230 ft. steel bridge with bituminous macadam approaches, to A. P. Rounds, 58 Montvale Ave., Stoneham, $95,396. Noted Sept. 27.

Rhode Island—State Bd. P. Roads, Providence, Greenwood Temporary Bridge and Bridges 127 and 128, Warwick, to W. F. Curtis Constr. Co., 19 Dexter St., Providence, $10,399; bridge in Tiverton, to Hogan & Thibodeau, Eden Park, Providence, $10,399.

Conn., Bridgeport—Concrete, steel bridge over Ash Creek to Leverty & Hurley, 500 Waterview Ave., $22,245. Est. $35,000.

N. Y., Long Island City—W. R. Herrick, pres. Park Dpt., Arsenal Bldg., Central Park, New York, bridge over Myrtle Ave., Forest Park, to J. J. Kennedy, 1275 Bergen St., Brooklyn, $46,796. Noted Sept. 20.

New Jersey—State Hy. Comn., Trenton, rein.-con., steel bridge over Pennsylvania Tunnel and Terminal R.R., Hudson Co., to Bergoff-Clemente Contg. Co., 473 Bway., Bayonne, $49,447. Noted Sept. 20.

N. J., Cedargrove—Essex Co., Hall of Records, Newark, rein.-con. bridge over Love Lane, to Connor & Harrison, 235 Dwight St., Jersey City. Est. $25,000.

Pa., New Castle — Comrs. Lawrence Co., Court House, 1 span, 170 ft. bridge over Connoquinessing Creek at Rapps Mill, to Farris Eng. Co., Empire Bldg., Pittsburgh, $35,500. Est. $40,000.

Tenn., Smokey Junction (mail Smokey)—Rein.-con. arch bridge over New River, to Steel & Lebby, Holston Bank Bldg., Knoxville.

Ky., Prestonburg—Floyd Co., two 500 ft. rein.-con. arch bridges, each 126 ft. high over Big Sandy River; one underpass and approach ramp under Chespeake & Ohio R.R., to Steel & Lebby, Holston Bank Bldg., Knoxville, Tenn.

Indiana — J. D. Williams, dir. State Hy. Comn., Indianapolis, bridges on roads in Lake Co., to O. E. Nichols, Hebron, $24,903—Porter Co., to R. H. King, Danville, $14,557—Wabash Co., to R. F. Apple, Indianapolis, $22,353—Kosciusko Co., to Elkhart Bridge & Iron Co., Elkhart, $7,597—Wabash Co., to F. A. Clements Co., Williamsburg, $10,838—Wayne Co., to R. L. Schutt, Indianapolis, $17,811 — Randolph and Wayne Counties, to I. E. Smith Constr. Co., Richmond, $8,015 and $25,814 respectively—Adams Co., to W. H. Grammer & Son, Evansville, $44,111—Laporte Co., to Kriezick Bros., Winamac, $18,240—Monroe Co., to Ryan & Ryan, Washington, $26,183—Warren Co., to R. P. Olinger, Huntingburg, $68,092 — Delaware Co., to Burk Constr. Co., Newcastle, $26,827—Jay Co., to R. H. King, Danville, $13,153—Jay Co., to Tharp & Tharp, Fountain City, $17,283. Grand total $345,777. Noted Sept. 27.

Kan., Belleville—See "Streets and Roads."

Kan., Norton—See "Streets and Roads."

Wash., Cashmere—Comrs. Chelan Co., Wenatchee, 415 ft. steel, concrete bridge, near here, to H. Hagman, Wenatchee, $52,203. Est. $55,000. Noted Sept. 6.

California—State Hy. Dpt., Sacramento, 2 timber trestles on pile bents, concrete pedestals over Arroyo de la Cruz and San Carpojo Creek, San Luis Obispo Co., to C. & F. W. Steffgen, Spreckles Bldg., San Diego, $25,206.

Calif., Aptos — Santa Cruz Co. (Santa Cruz) rein.-con. bridge, on Santa Cruz-Watsonville Hy., to Thompson Bros., Santa Cruz, $38,009.

Calif., Los Angeles — Los Angeles Co., timber bridge, on Lower Azusa Rd., to E. G. Perham, 1128 Stearns Dr., $42,950.

Ont., Toronto—Mount Pleasant Cemetery, Yonge St., 3 span 190 ft. rein.-con. bridge in Mount Pleasant Cemetery, to Corbett Constr. Co., 56 Maitland St. Est. $30,000.

Dams

Bids Desired

Wis., Mirror Lake—Oct. 23, by Dells Manor, Inc., concrete gravity dam 21 ft. high, 80 ft. long, 4 mi. from Kilbourn, incl. 600 cu.yd. earth and 300 cu.yd. rock excav., 700 cu.yd. concrete. H. V. Tennant, Portage, consult. engr.

Contracts Awarded

Conn., Sharon—H. A. Hatch, earth dam, to Kuchar Bros., Montvale, N. J., $35,000.

Ontario—J. W. Pugsley, secy. Dpt. Railways & Canals, concrete dam at Lock 25, Trent Canal, to Detroit River Constr. Co., Labele Bldg., Windsor. Noted Aug. 9.

Railways

Proposed Work

Texas—Houston North Shore Co. (subsidiary New Orleans, Texas & Mexico Ry. Co., C. S. Kirkpatrick, ch. engr., Houston), extending 9 mi. railroad from point near Green's Bayou to connect with main line near San Jacinto River.

Ontario — Toronto Transportation Com., Yonge and Front Sts., Toronto, D. W. Harvey, ch. engr., double tracking Lake Shore Radial between Toronto and Port Credit, incl. concrete founds., street railway rails, wooden ties, trolley wires, poles. Work will partly be done by day labor and partly by contract. $2,000,000.

Contracts Awarded

Michigan—J. E. Mills, comr. Purchases & Supplies, Marquette Bldg., Detroit, 925 tons 100 lb. A. R. A. rail for street railway replacements and extensions, f.o.b. Detroit, for Dpt. Street Railways, St. Jean and Shoemaker Aves., to Bethlehem Steel Co., Bethlehem, Pa., at $51.70 per ton.

Manitoba—Winnipeg Electric Co., Winnipeg, 14 mi. railroad in Winnipeg, to Carter, Halls & Aldinger, Royal Bank Bldg.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

O., Portsmouth — State Hy. Dpt., Columbus, G. M. Anderson, div. engr., preparing plans straightening channel Scioto River near here, putting in jetties, steel, concrete work along river.

Mich., Saginaw—See "Unclassified."

Tex., Brownsville — Dixie Development Co., c/o A. R. Jones, 900 Land Bank Bldg., Kansas City, Mo., and Brownsville, soon takes bids irrigation projects incl. 3 pumping plants with river pump and 2 relifts, at Laguna Vista, near here.

Tex., Houston—State Fish, Game & Oyster Comn., c/o W. J. Tucker, Austin, 20 ponds, each 1 acre in area, from 6 in. to 5 ft. deep, walks, landscaping, bungalows, $100,000. J. C. McVea, City Hall, assistant engr.

Bids Desired

Mass., Boston—Oct. 25, by Metropolitan Dist. Comn., Boston, river wall south from Cambridge St., Brighton Dist., incl. 6,000 cu.yd. excav., 5,000 cu.yd. filling material, 1,500 tons riprap, 16,000 lin.ft. woodpiles, 51,000 ft. lumber, 900 cu.yd. stone masonry, 530 lin.ft. stone coping. J. R. Rablin, dist. engr.

Mass., Lynn—Oct. 23, by Comn. on Ways & Drainage, City Hall, bulkhead. $250,000. Morris-Knowles, Westinghouse Bldg., Pittsburgh, Pa., engrs. Noted Oct. 11.

N. Y., Rye—V. Green Co., Inc., Greenhaven, bids about Oct. 20, dredging, filling, bulkhead for waterfront development, $75,000. F. R. Harris, 551 5th Ave., New York, concrete engr. Noted Oct. 11.

Miss., Greenwood—See "Contracts Awarded."

Michigan—Oct. 30, by L. R. Doane, drain comr. Ingham Co. (Mason), 15 mi. McCrea Drain, Ingham and Shiawasse Counties. $90,000. Wolverine Eng. Co., Mason, engrs. Noted June 28.

Ill., Walnut—Oct. 24, by Comrs., Union D. D. 1 Lee Co., East Grove and Hamilton, at office G. H. Fox, atty., Walnut, 9,500 ft. ditch work, incl. 24,290 cu.yd. excav. L. B. Neighbour, Dixon, engr.

Ill., Watseka—Oct. 20, by Comrs. Crescent and Iroquois D. D. 2, Iroquois Co., Court House, 27,800 ft. main ditch, incl. 54,463 cu.yd. excav., 4,750 ft. branch ditch, 8,224 cu.yd. excav. Mac T. Nicholes, clk.

Ia., Algona—Oct. 25, by Bd. Supervs. Kossuth Co., D. D. 177, Sect. 1, 98,000 cu.yd. open ditch excav.; Sect. 2, 16,700 ft. 6- to 30-in. tile, 25 intakes, 18 corrugated culvert pipes, 2 rein.-con. headwalls. B. E. Johnson, co. aud.

Calif., Merced—Oct. 30, by H. P. Sargent, secy., Merced Irrigation Dist., shaping, constructing 4 mi. existing canals, installing sidegates, other structures; furnishing 10 complete motor driven drainage pumps; drilling, casing; 10 drainage wells; 4,000 bbl. portland cement.

Calif., Westley—Oct. 27, by E. Smith, secy. West Stanislaus Irrigation Dist., 7 x 15—240 ft. and 7 x 15—80 ft. rein.-con. canal syphons under railroad tracks and main hy., 500 yd. concrete, miscellaneous tunnels, excav.

Contracts Awarded

N. Y., Buffalo—G. Fisk, comr. P. Wks., Municipal Bldg., rock excav. in Buffalo River to new channel line opposite the Huron Portland Cement Co., to Dunbar-Sullivan Dredging Co., Erie County Bank Bldg., $78,300. Noted May 31.

N. J., Bradley Beach—Two rock, timber jetties on beachfront, to Woolley & Howland, Long Branch, $25,108. Noted Sept. 13.

N. J., Orange—Bd. City Comrs., dredging, enclosing Wigwam Brook with concrete where needed, to K. R. Crane, City Hall. Est. $30,000.

Miss., Greenwood—Big Sand D. D., c/o A. Bruce, levee work, incl. clearing, grubbing, 100,000 cu.yd. excav., own forces.

O., Lakewood (br. Cleveland)—Breakwater along Lake Erie, Lakewood Park, to Great Lakes Dredge & Dock Co., Williamson Bldg., Cleveland, $70,550. Noted Sept. 27.

Mich., Detroit—Dpt. Parks & Boulevards, Marquette Bldg., 1,940 ft. rein.-con. seawall at Memorial Park, to Candler Dock & Dredge Co., 8145 Medina Ave., $116,400. Noted Oct. 4 under "Unclassified."

Calif., Turlock—Turlock Irrigation Dist., 556,587 sq.ft. 2 in. concrete canal lining, to J. E. Alldrin, Turlock, $23,565.

Ont., Toronto — Toronto Terminals Ry. Co., New Union Sta., J. W. R. Ambrose, engr., 220 ft. rein.-con. retaining wall, 20 ft. high, to Richardson & Mason, foot John St. Est. $25,000.

Ont., Kingston—S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, dredging, to R. G. Weddell, Trenton, $11,115. Noted Aug. 16.

Streets and Roads

Proposed Work

Massachusetts — Dpt. P. Wks., State House, Boston, laying out, constructing Rodman and Auburn Sts., Mt. Bowdoin Terrace and Mercier Ave. as highway in Dorchester and Roxbury. To exceed $25,000. J. H. Sullivan, comr.

Mass., Boston—Dpt. P. Wks. layingout, reconstructing Foster St., Hyde Park and Hillside Ave., West Roxbury as hy. $25,000. J. H. Sullivan, comr.

Conn., Waterbury — Rein.-con. paving Chase Park Blvd. (entire) part of Congress Ave. $82,500. R. A. Cairns, City Hall, engr.

N. J., Elizabeth—Bd. Pub. Wks., City Hall, preliminary plans grading, sheet asphalt on 6 in. concrete paving Fay Ave. from South St. to Bayway. $25,000. T. Collins, city engr.

N. J., Elizabeth—Bd. P. Wks., City Hall, preliminary plans widening, resetting curbing, sheet asphalt on 6 in. concrete paving East Broad St. $35,000. T. Collins, city engr.

N. J., Hackensack — Hackensack Impvt. Comn., preliminary plans grading, curbing, sidewalks, gas, water and sewer connections, 6 in. bituminous macadam paving Ames St. and Garibaldi Ave. $50,000. F. Campbell, city engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., preliminary plans grading 6 in. bituminous macadam paving Hopper and Vincent Sts. $40,000. F. Campbell, city engr.

N. J., Hackensack — Hackensack Impvt. Comn., Municipal Bldg., preliminary plans grading, curbing, sidewalks, 6 in. bituminous macadam paving Kent St. $30,000. F. Campbell, city engr.

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Streets and Roads (Continued)

N. J., Jersey City—Bd. City Comrs., City Hall, grading, sheet asphalt on concrete paving Ocean Ave. $50,000. C. A. Van Keuren, city engr.

N. J., Jersey City—Bd. Blvd. Comrs., Court House, preliminary plans grading, sheet asphalt on concrete paving Boulevard East from 17th to 35th Sts., in Weehawken and North Bergen. $58,000. F. J. Radigan, Court House, co. engr.

N. J., Plainfield—Common Council, City Hall, preliminary plans grading, macadam paving Hillcrest Ave. from Front to 2nd Sts. $25,000. A. Vars, city engr.

N. J., Plainfield — Common Council, City Hall, preliminary plans widening, repairing, grading, sewers, hydrants and sidewalks on South End Ave. from Park to Woodland Aves. $25,000. A. Vars, city engr.

N. J., Roseland—Bd. Council, Boro Hall, bituminous macadam paving Lincoln and Cortland Sts. $25,000. Reilly & Reimers, 275 Bloomfield Ave., Caldwell, engrs.

N. J., Saddle River—Twp. Com., Lincoln School, preliminary plans grading, curbing, sidewalks on Rochelle Parkway and Belle Vista Ave. $27,000. A. Noack, 236 Main St., Hackensack, twp. engr.

N. J., South Orange — Bd. Freeholders Essex Co., Court House, Newark, preliminary plans grading, sheet asphalt on concrete repaving South Orange Ave. $100,000. W. H. Stickel, Hall of Records, Newark, co. engr.

N. J., Westfield — Town Council preliminary plans macadamizing Fairmount Ave. $25,000. J. Hopkins, town engr.

Pa., McKees Rocks — Comrs. Allegheny Co., Court House, Pittsburgh, repaving Island Ave. $53,000.

Pa., Pittsburgh — New approaches to Elizabeth Street Bridge, over Baltimore & Ohio R.R. $140,000. Dpt. P. Wks., Bureau of Bridges, engrs.

Pa., Pittsburgh — Soon takes grading, paving General Robinson, Lacock, Reedsdale Sts., $600,000; Island Ave. $36,800.

Pa., Pittsburgh—Soon takes bids grading, paving Preston St. between Milnor and Mueller Aves. $31,000. Dpt. P. Wks., City-County Bldg., engrs.

Miss., Union—Preliminary plans grading, curbing, concrete paving. $75,000.

La., New Orleans—Asphalt on concrete surfacing 16 blocks Bway. and Lowerline Sts. $85,000.

O., Cincinnati — Concrete curbing, concrete repaving 6,850 sq.yd. Rhode Island Ave. $42,515. C. O. Sherrill, city mgr.

Mich., Detroit—Stone or concrete curbing, 3½ in. sheet asphalt on 8 in. concrete paving 18,900 sq.yd. Omira, Sussex and Indiana Aves. $61,450. P. A. Fellows, City Hall, engr.

Mich., Detroit—Stone or concrete curbing, 3½ in. sheet asphalt on 8 in. concrete paving 31,450 sq.yd. 7 avenues. $102,490. P. A. Fellows, City Hall, engr.

Ill., East St. Louis—Soon takes bids 8 in. concrete paving 7,100 sq.yd. 35th St. $39,100—5,080 sq.yd. 61st St. $22,600—4,820 sq.yd. 60th St. $22,700. W. McK. Brown, City Hall, engr.

Ill., Monmouth—Warren Co. graveling roads. $35,000 or more. C. L. McClanahan, Court House, engr.

Ill., Wilmette—Asphalt on brick surfacing 2 mi. Linden and Elmwood Aves., 18 and 21 ft. $100,000. C. N. Roberts, 105 North Clark St., engr.

Kan., Phillipsburg—Phillips Co. grading, culverts 9.213 mi. U. S. Road 36, Federal Aid Project 345-C, 30 ft. F. Shepherd, Phillipsburg, engr.

Montana—State Hy. Comn., Helena, bids probably in December, grading 1 mi. Bad Rock Canyon Rd., 24 ft. Flathead Co. $30,000. R. D. Rader, state hy. engr.

Mont., Butte—Paving West Park St. $40,000; South Colorado St. $60,000. M. Walsh, city engr.

Mo., St. Louis—Bd. P. Serv., City Hall, grading, alternate types paving Oriole and Geyer Sts., Dewey and Knox Aves.; reconstructing Lemp Ave., Oregon, Ohio, 4th and St. Charles Sts. W. W. Horner, City Hall, engr.

Mo., St. Louis—Bd. P. Serv., City Hall, grading, alternate types paving Alexander, Armstrong, Blow, Dempsey, Eichelberger, Esther, LaSalle, Lloyd, Mimika, Osage, President, Spring, Upton and Walbridge Sts. W. W. Horner, City Hall, engr.

Mo., St. Louis—Bd. P. Serv., City Hall, asphalt, warrenite or amiesite paving California and Humphrey Sts., Tower Grove and Westminster Places, Ohio, Texas, Cates and Park Aves. W. W. Horner, city engr.

Ark., Searcy — Soon takes bids grading, curbing, concrete paving 15 blocks Street Impvt. Dist. 13. $45,000. Noted June 28.

Texas—State Hy. Dpt., grading, bridging 5.094 mi. Henderson Co., $30,000—13.579 mi. Childress Co., $75,000—12.12 mi. Leon Co., $65,000, all 26 ft. wide. G. Gilchrist, hy. engr.

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Tex., Galveston—Galveston Co., c/o E. B. Holman, judge, Galveston, durable type paving 3.3 mi. Rd. 6A from Texas City cut-off on Hy. 6 to Texas City, also eliminating 4 railway grade crossings, $140,000. C. C. Washington, Galveston, co. engr.

Tex., Longview — Gregg Co. soon takes bids widening, asphalt surfacing Hy. 15 extending east from Gladewater. $30,000. Address County Engineer, Longview.

Tex., Port Arthur—Grading, shelling, improving 50 blocks. $70,000. W. O. Bower, city engr.

Tex., Raymondville — Willacy Co. preliminary sketches improving 22 mi. hy. from here to Red Fish Bay. $100,000. J. E. Johnson, Raymondville, co. engr.

Tex., Rusk — Cherokee Co., grading, bridging 11.1 mi. Hy. 40 from Jackson to Anderson Co. line, $90,000; 8.4 mi. Hy. 43 from Jacksonville to east line of Road Dist. line, $65,000. G. A. Bracher, Jacksonville, engr.

Tex., San Angelo—Paving 9 blocks. $75,000. Address E. V. Spence, city mgr.

Oklahoma — State Hy. Dpt., Oklahoma City, concrete paving 21,150 sq.yd. Hy. 77, Garvin Co. $50,000. C. R. Mandigo, Capitol Bldg., Oklahoma City, engr.

Oklahoma — State Hy. Dpt., Oklahoma City, grading 8 mi. Hy. 14, 30 ft., $25,000—concrete slab surfacing 21,120 sq.yd. U. S. Hy. 64, $48,000. C. R. Mandigo, hy. engr.

Okla., Ada—Grading, paving 7 blocks Stockton Ave., 30 ft. To exceed $25,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Okla., Altus—Concrete paving 5,450 sq.yd. Hickman St. $28,150; 7,100 sq.yd. Wayne St., $30,440. J. C. Chisum, Altus, engr.

Okla., Anadarko—Grading, concrete paving 10,600 sq.yd. Oklahoma St. $31,000. R. O. Bradley, Chickasha, engr.

Okla., Britton—Preliminary plans grading, paving 8 blocks Bway., 30 ft. $25,000. J. Hassler, engr.

Okla., Clinton—Grading, concrete paving 11,800 sq.yd. Hays Ave. $36,266. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

Okla., El Reno—Grading, concrete paving 8,800 sq.yd. Canadian and North Bickford Sts. $25,000. E. W. Fassett, El Reno, engr.

Okla., Enid—Grading, concrete paving 9,440 sq.yd. Medford St. $28,660. F. C. Magruder, Enid, engr.

Okla., Gage—Preliminary plans grading, concrete paving 11,000 sq.yd. Main St. $35,000. F. E. Devlin, Wichita, Kan., engr.

Okla., Guymon—Grading, concrete paving 10,600 sq.yd. Dist. 3. $34,975. F. E. Devlin, Wichita, Kan., engr.

Okla., Lookeba—Preliminary plans grading, concrete paving 6,600 sq.yd. Main St. $25,000. R. C. Bradley, Chickasha, engr.

Okla., Mangum—Grading, concrete paving 13,000 sq.yd. $41,000. E. W. Gantt, 1116 West Main St., Oklahoma City, engr.

Okla., Muskogee—Grading, concrete paving 9,100 sq.yd. Dist. 204. $27,736. H. Dixon, Muskogee, engr.

Okla., Perry—Noble Co., grading 89,800 cu.yd. Miller Twp. roads. $45,000. A. J. Titus, Ponca City, engr.

Okla., Roosevelt—Grading, concrete paving 11,000 sq.yd. 1st and Parker Sts. $34,100. C. Riggins, 603½ West Main St., Oklahoma City, engr.

Okla., Shawnee—Grading, sheet asphalt paving 6,770 sq.yd. North Ave., Park and Franklin Sts. $33,475. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs.

Okla., Shawnee—Grading, sheet asphalt paving 7,160 sq.yd. South Minnesota Ave. $36,945. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Okla., Tulsa—Grading, sheet asphalt paving 7,100 sq.yd. Young St. $29,764. B. M. Hart, City Hall, engr.

Okla., Tulsa—Tulsa Co. preliminary plans grading 6 mi. West Sand Springs Rd., 30 ft. $35,000—8 mi. West Easton Blvd., 30 ft. $45,000—concrete paving 27,100 sq.yd. Mohawk Rd. $60,000. H. A. Parker, Court House, engr.

Okla., Weatherford — Preliminary plans grading, concrete paving 13,000 sq.yd. 8th St. $40,000. H. H. Clark, Weatherford, engr.

Okla., Wilburton—Grading, concrete paving 11,000 sq.yd. C and College Sts. $33,000. A. Johnson, city clk. Engineer not selected.

Colo., Alamosa — City Council, c/o J. Hood, surveys concrete paving downtown streets. $50,000. Tipton & Watrous, city engrs.

Colo., Florence — Paving East Front, Pike's, Peak, Petroleum, Main and Santa Fe Sts. $50,000. B. Martin, city clk.

Calif., LaHabra—Curbing, 4 in. asphaltic concrete paving 125,082 sq.ft. East Erna Ave., East LaHabra St.

Calif., Lynwood—W. W. Chapman, city clk., curbing, 5 in. concrete paving Palm Ave. and Oak St. To exceed $40,000.

Calif., San Diego — Common Council, grading, curbing, concrete sidewalks, 6 in. concrete paving 106,169 sq.ft. Coast Blvd.

Calif., Stockton—San Joaquin Co., grading, 12,800 tons gravel on McDonald Island Rd.—3,300 tons gravel on Correia Rd.—9,600 tons gravel on Jack Tone Rd. F. E. Smith, Stockton, co. surv.

Ont., Oshawa—Concrete curbing, asphalt on concrete paving 15,000 sq.yd. Ritson Rd., 5 streets and 3 avenues. $60,000. W. C. Smith, Municipal Offices, engr.

Ont., Toronto—Sheet asphalt paving 1½ mi. St. Clair Ave. $150,000. R. C. Harris, City Hall, engr.

Bids Desired

Vermont—Oct. 19, by State Hy. Dpt., Montpelier, rein.-con. paving 4.4 mi. hy. in Berlin, Barre and East Montpelier, $125,000.

N. Y., Brooklyn—Oct. 24, by J. J. Byrne, pres. Brooklyn Boro, grading Kings Pl., Stanley Ave. and Bradford St.; sheet asphalt on concrete paving Applegate Court, Colonial and Lenox Rds., Avenue M, Lefferts, Riverdale, Schenectady Aves., Bay 32nd, East 3rd, East 15th, East 92nd, Bradford, Stockholm, 80th and 83rd Sts.

N. Y., Buffalo — Oct. 24, by G. F. Fisk, comr. Pub. Wks., Municipal Bldg., brick on concrete paving Harp Pl. and Carnelia St.—rein.-con. paving Dunlop Ave.—paving Hoffman Alley and Hopkins Sts.—repaving Roetzer, Eaton, Rich and Wasmuth Sts. C. E. P. Babcock, city engr.

N. Y., Long Island City—Oct. 22, by B. M. Patten, pres. Queens Subway Bldg., grading, sheet asphalt on concrete paving 65th (Rowan Ave.) St. from Bway. to 37th Rd. and from 37th Rd. to 39th (Stryker) Ave., Linden St., 43rd, 32nd, 37th and Woodbine Aves.

N. Y., New York—Oct. 22, by J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block on concrete paving 10th and 12th Aves., 11th, 40th, West 49th and West 50th Sts.

N. Y., New York—Oct. 24, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., granite block on concrete repaving East 133rd St.; grading, sidewalks, granite block paving Exterior St.

N. Y., St. George — Oct. 24, by J. A. Lynch, pes. Richmond Boro, Boro Hall, bituminous concrete repaving Clove Rd.; concrete paving and repaving Carteret St.

New Jersey—Oct. 29, by State Hy. Comn., Trenton, grading, 9 in. single line rein.-con. paving 59,715 sq.yd. Route 4 (Revision 1927), Sect. 1, South Amboy-Cheesequake Rd., and 26,063 sq.yd. Route 26 (1927), Connecting Link from Adams Station to Jersey Ave., New Brunswick, both Middlesex Co. A. L. Grover, ch. engr.; adv. E. N.-R. Oct. 18.

N. J., Roselle (Ind. br. Elizabeth)—Oct. 19, by Boro Council, Boro Hall, grading, sheet asphalt on 6 in. concrete paving West 4th Ave. from Pine St. to Aldine Rd. $65,000. W. Von Wagoner, boro engr.

Pa., Phila. — Oct. 23, by Dpt. P. Wks., Bureau of Hys., grading, asphalt paving (assessment work), asphalt repaving, redressed granite block repaving streets. A. Murdock, dir.

North Carolina—Oct. 30, by State Hy. Comn., Raleigh, **(P. means Project)**, clearing, grading, topsoiling 11.19 mi. P. 881, Rutherford Co., $70,000—14.77 mi. P. 6460, Lincoln Co., $82,200—9.27 mi. P. 626, Catawba Co., $47,800—17.47 mi. P. 5310, Guilford Co., $115,700—19.18 mi. P. 2430 and 4820, Johnston and Wake Counties, $81,800—clearing, grading 3.7 mi. P. 5300, Guilford Co., $34,580—6.89 mi. P. 7300, Davie Co., $27,900. L. R. Ames, Raleigh, engr.

South Carolina—Oct. 23, by State Hy. Comn., Columbia, concrete paving 12.1 mi. hy. in Aiken and Saluda Counties—9.577 mi. Dorchester Co.—13.58 mi. Anderson, Oconee and Pickens Counties—topsoiling 8.6 mi. Chesterfield Co.—17.04 mi. Spartanburg Co.—9.02 mi. Greenwood Co.—8.44 mi. Union Co.—4.93 mi. Cherokee Co.—surface treating 4.4 mi. Laurens Co.—treated timber bridge Chester Co.—timber, structural steel bridge in Cconee and Pickens Counties. B. M. Sawyer, Columbia, ch. comr.

Ala., Birmingham—Oct. 23, by City Comrs., grading 16th St., 8th Court W., Avenue T. Ensley, 3rd Ave. N, 4th Ave. S. and 85th St., $11,930—6 in. concrete paving 5th Alley S., 7th Alley W., $3,545—2 in. asphalt on 6 in. concrete paving 33rd Ave. N., Terrace M, Pullasi, 9th St. W, Finley Ave., 6th St. S.W., Court M, Ensley, McMillan Ave., 23rd Pl. N., 43rd Ave. 3rd Ave. N., 4th Ave S., 53rd Pl., 8th Ave. S., 10th Ave. 16th Ave. and 2nd Pl. S, 23rd St., Ensley, 21st and 34th Sts., Ensley, 57th and 22nd Sts., 4th Ave. S., 15th Pl., Avenues O and N, Ensley, $275,710. A. J. Hawkins, city engr.

Streets and Roads (Continued)

Ala., Birmingham — Nov. 27, by City Comn., grading, 2 in. asphalt on 6 in. concrete paving 1 block Terrace Q, Ensley, 40 ft. $7,600—7 blocks 12th St., Ensley, 30 ft. $37,250—2 blocks 16th St. S. W., 30 ft. $9,525—2 blocks 4th Ave. S, 30 ft. $17,100—1 block 5th Ave. S, 40 ft. $10,040—2 blocks 2nd Ave. S., 30 ft. $10,770—1 block 16th St. S. W., 30 ft. $7,650. A. J. Hawkins, city engr.

Louisiana—Nov. 1, by State Hy. Comn., Baton Rouge, graveling 7.24 mi. State Project 678, Bastrop-Hammond Hy., Morehouse Parish.

O., Cincinnati—Oct. 19, by Comrs. Hamilton Co., grading, concrete repaving 9,600 sq.yd. Miami Rd. $63,247. E. A. Gast, Court House, engr.

O., Garfield Heights (br. Cleveland)—Oct. 22, by Village, paving 3 streets. R. Munz, Town Hall, engr.

Illinois—Oct. 31, by State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, paving 4.9 mi. Route 48, Sect. 113, Ford and Iroquois Counties—1.69 mi. Route 48, Sect. 134-X, Christian Co.—4.7 mi. Route 51, Sect. 102, Cook Co.—4.85 mi. Route 68, Sect. 126, Lake Co.—10.2 mi. Route 69, Sects. 121 and 122, La Salle Co.—3.45 mi. Route 72, Sect. 113, Carroll Co.—13.43 mi. Route 82, Sect. 128, Henry Co.—5.2 mi. Route 130, Sect. 125, Richland Co.—2.61 mi. Route 147, Sect. 121, Pulaski Co.—5.71 mi. Route 164, Sect. 119, Tazewell Co.—6.45 mi. Route 182, Sect. 101, Marion Co.—grading 0.35 mi. Route 2, Sect. 38-VA, Ogle Co.—0.27 mi. Route 18, Sect. 11-VA, Du Page Co.—8.03 mi. Route 109, Sect. 101-A, Jersey Co.—6.26 mi. Route 130, Sect. 126-A, Richland and Edwards Counties—5.91 mi. Route 144, Sect. 101-A, Jackson Co.—8.7 mi. Route 147, Sect. 120-A, Pulaski Co. F. T. Sheets, hy. engr.

Ill., Chicago—Oct. 22, by Comrs. Cook Co., 139 North Clark St., widening 4.4 mi. Northwest Hy., $220,000; improving 6.2 mi. Kedzie Ave., 20 ft., $310,000. G. A. Quinlan, 139 North Clark St., engr.

Ia., Cherokee—Oct. 23, at office Auditor Cherokee Co., graveling 5.75 mi. Marcus-Germantown Rd.—2 mi. Aurelia-Peterson Rd.—10.5 mi. Aurelia-Coulson and Coulson-Storm Lake Rds. J. N. Cook, Cherokee, co. engr.

Minnesota—Oct. 23, by State Hy. Comn., St. Paul, graveling 24,000 cu.yd. State Project 20-34. $25,000.

Kan., Ft. Scott—Oct. 29, at office W. I. West, clk. Bourbon Co., improving 6.429 mi. Road K-39, Road Project 39-10-K 712. H. C. McCurley, Ft. Scott, co. engr.

Kan., Westmoreland—Nov. 2, by Clerk Pottawatomie Co., grading 7.793 mi. U. S. Rd. 40, Federal Aid Project 355-E, incl. 700 ft. hedge, 1,200 ft. guard fence, 26,060 lb. steel, 93 ft. 24 to 124 ft. corrugated metal pipe, 368 sq.yd. riprap. L. F. Whearty, Westmoreland, engr.

Tex., Corsicana — Nov. 12, by Navarro Co., c/o W. Hicks, judge, grading, bridging, concrete paving Lateral Rd. 2, Sects. A, B and C. McClendon & Purnell, Corsicana, engrs.

Tex., Natalia—Oct. 29, by Bexar-Medina, Atascosa Counties Water Impvt. Dist. 1, 309 Frost Natl. Bank Bldg., San Antonio, clearing, grubbing 100 lin.mi. right-of-way of canals and laterals of proposed water improvement irrigation system; constructing 175 mi. fencing along right-of-way. P. A. Welty, Natalia, engr. Noted Sept. 13, under "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Oklahoma—Oct. 23, by State Hy. Dpt., Oklahoma City, rock asphalt surfacing 63,000 sq.yd. State Aid Project M-404 Choctaw Co., $125,000; 130,000 sq.yd. State Aid Project M-303, Okfuskee Co., $250,000. C. R. Mandigo, hy. engr.

Okla., Oklahoma City — Oct. 23, by M. Peshek, city clk., grading, sheet asphalt paving 9,175 sq.yd. May Ave. To exceed $25,000. W. W. Small, City Hall, engr.

Wash., Seattle — Comrs. King Co. bids about Nov. 8, one course concrete paving 3 mi. Roanoke Hy., 20 ft. $90,000. D. Evans, Seattle, co. engr.

California—Oct. 24, by State Hy. Comn., Sacramento, concrete, bituminous macadam paving 11.5 mi. road between Little Sycamore Canyon and Solstice Canyon, Ventura and Los Angeles Counties; grading, bituminous macadam paving 0.7 mi. road between Newhall Tunnel and Los Angeles city limits, Los Angeles Co. C. H. Purcell, Sacramento, engr.

Contracts Awarded

New Hampshire — State Hy. Dpt., Concord, 3 in. bituminous macadam on 8 in. gravel paving 2.35 mi. hy. in Haverhill, to Arborio Road Constr. Co., Inc., 408 Main St., Hartford, Conn., $49,332. Est. $65,000. Noted Oct. 4.

Massachusetts — Dpt. P. Wks., Boston, widening, bituminous macadam repaving 12,100 ft. hy. in Lynn and Salem, to N. Tanzello, Beverly, $75,986; graveling, oiling 1,700 ft. Brimfield, to M. Way, 88 Clifton Ave., Springfield, $5,693. Noted Sept. 27.

Mass., Boston—Sheet asphalt paving Armory St, to S. J. Tomasello, Cushing Terrace, Dorchester, $27,014.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, sheet asphalt on concrete paving Hopkinson Ave., to B. Turecamo Contg. Co., New Cropsey Lane, $23,471. Noted Sept. 20.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to Castle Bros., Johnson Pl., grading Clarkson Ave., $3,309—to J. Casalino, 211 North 7th St., Avenue L, $2,823—to Haupert & Specht, granite block paving South 1st St., $10,107—to Colgan Constr. Co., 90 Williams St., New York, 2nd St., $12,583—to Sicilian Asphalt Paving Co., 41 Park Row, New York, sheet asphalt on concrete paving Division Pl., $4,459; grading Leonard St. $6,842; asphalt paving various streets damaged by subsurface work, $21,000—to M. J. O'Hara, Neptune Ave. and West 19th St., East 2nd St. $6,769; West 10th St., $3,074; West 33rd St. $6,209—to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., Hopkinson Ave. $6,753; McDonough St. $10,997; Hoyt St. $19,334—to Uvalde Asphalt Paving Co., 1 Bway., New York, Lott Ave. $2,630—to D. J. McCoy, Avenue U and East 57th St., Marcy Ave. $9,840. Grand total $126,729. Noted Sept. 27.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., to Bronx Asphalt Corp., sheet asphalt on concrete paving White Plains Rd., $50,245; West 238th St. $3,515; Cruger Ave. $7,504; East 197th St., $3,652; Mosholu Parkway $16,880; bituminous concrete paving White Plains Rd., $13,925—to M. C. Seelig Co., 44 Court St., Brooklyn, grading Metcalf Ave., $3,713—to S. Nugent, Riverside Dr. and 170th St., West 263rd St., $6,124—to Asphalt Constr. Co., 2197 Madison Ave., Rosedale Ave. $10,018—to C. D. Beckwith, Inc., Seneca Ave. and Edgewater Rd., sheet asphalt paving East 171st St., $3,490; Knox Pl. $13,832, West 166th St., $7,864; Overing St. $4,443. Grand total $145,205. Noted Sept. 20.

New Jersey—Bd. Freeholders Bergen Co., Court House, Hackensack, paving Crescent and Prospect Aves., in Midland Park, Waldwick, Allendale and Wyckoff, to G. M. Brewster & Son, Fort Lee Rd., Bogota, $159,999.

N. J., Asbury Park—Monmouth Co., Freehold, reconstructing 0.65 mi. Asbury Ave., Rd. 36, Sect. 1, to E. T. McNierney, Bradley Beach, $46,079. Noted Aug. 16.

N. J., Orange—Asphalt block paving Hillside Ave., to Hastings Pavement Co., 25 Broad St., New York, $22,471. Noted Sept. 27.

N. J., Trenton—Mercer Co., bituminous macadam paving 17,400 ft. Franklin Corner-Baker Basin Rd., to A. Stryker, Inc., 2053 South Broad St., $52,311. Noted Sept. 6.

N. J., Verona (Ind. br. Montclair)—Bd. Boro Council, Boro Hall, 8 in. concrete paving Linden Ave., to Osborne & Marsellis Co., Bellevue Ave., Upper Montclair, $19,948. Noted Aug. 30.

Pennsylvania—State Hy. Comn., Harrisburg, concrete paving 57,900 sq.yd. Westmoreland Co., to F. Kukurin, Wilmerding $265,768—20,400 sq.yd. Fayette Co., to J. J. Dick, Scottdale $88,976 — 40,600 sq.yd. Wayne Co., to Tyler & Cole, Meshoppen $237,891 — 5,806 sq.yd. Columbia Co., to D. W. Davis & Son, Kingston $27,030. Grand total $619,665. Noted Aug. 24 and Sept. 6.

Pennsylvania—State Hy. Comn., Harrisburg, concrete paving 13,400 sq.yd. Erie Co., to Chas. Fry. Constr. Co., Erie, $46,340—4,200 sq.yd. Indiana Co., to A. F. Moreau, Indiana, $22,573—18,800 sq.yd. Luzerne Co., to B. G. Coon Constr. Co., Luzerne, $79,892. Grand total $148,805. Noted Aug. 23 and Sept. 6.

Maryland—State Roads Comn., Baltimore, macadam paving 0.35 mi. Cecil Co., to T. P. Murray, Towson, $7,114—0.6 mi. Dorchester Co. and 1.06 mi. Worcester Co., to Hannemann-Burroughs Co., Salisbury, $12,076 and $18,118 respectively—0.3 mi. Cecil Co., to G. Atkinson, Port Deposit, $12,689—3 mi. Prince George Co., to Vacchinao & Swann, LaPlate; $10,425—4.74 mi. Cecil Co., to T. B. Gatch Building & Supply Co., Belair Rd., Baltimore, $35,600—concrete shoulders on 0.13 mi. Montgomery Co., to M. J. Grove Lime Co., Lime Kiln, $1,250. Grand total $97,272. Noted Sept. 6 and 20.

Md., Baltimore—Bd. Awards, sheet asphalt paving 10,000 sq.yd. Contr. 486, to Amer. Paving Co., Montebello Ave., $43,479; concrete paving 9,100 sq.yd. Contr. 485, to D. Marine, 236 Albemarle St., $21,849. Noted Sept. 20.

Md., Baltimore — Bd. Awards, concrete paving 12,300 sq.yd. Contr. 487, to Ward & O'Connell, 3114 Presbury St., $27,613.

Md., Baltimore — Bd. Awards, concrete paving 12,750 sq.yd. alleys in Alley Contr. 130, to A. Apicella, 2907 McElderry St., $24,435.

Ala., Birmingham—For 6 in. concrete paving 14 blocks 27th Ave. N., to Christie-Hutchinson & Burton Constr. Co., American-Traders Bldg., $54,770 est. $60,200; excavating for underpass connecting South Highlands School yard with Magnolia Park, 5 in. concrete paving 1 block roadway, to Johnson-Wooley Constr. Co., American-Traders Bldg., $4,743 est. $6,100. Noted Sept. 20.

Miss., Alcorn—See "Buildings — Educational, Religious."

Miss., Columbia — Marion Co., grading, brick or concrete paving 0.928 mi. Federal Aid Project 92-B, to Mills Eng. Constr. Co., McComb; 3,250 sq.yd. Broad St., to Southern Clay & Mfg. Co., Memphis, Tenn. Noted Aug. 23.

Miss., Ellisville—See "Waterworks."

La., Monroe—To C. A. DeJersey, Shreveport, asphalt paving Travis St., $5,818; South 1st St. $1,563; Duraco paving South 5th St. $29,197; concrete paving Slack St. $16,406. Grand total $52,984.

Tenn., Chattanooga—R. H. Crox, comr. Dpt. Streets & Roads, grading, concrete paving 19,648 sq.yd. East 3rd St. and Dodson Ave., to Brown Contg. Co., 706 Manning St. $59 742. Est. $60,000. Noted Sept. 27.

O., Cincinnati — Hamilton Co., concrete paving 22,896 sq.yd. Madison Rd., to Gradison Constr. Co., 701 1st Natl. Bank Bldg., $86,885. Est. $92,736.

O., Cleveland—Cuyahoga Co., vitr. brick paving 53,350 sq.yd. Brookpark Rd., to Cleveland Trinidad Paving Co., Western Reserve Bldg., $309,558. Noted Sept. 27.

O., Columbus—W. H. Duffy, dir. Serv., to R. J. Dienst, 209 South High St., grading, curbing, mains, sewers, asphalt paving 1,850 sq.yd. Broderick St. $4,479; 2,345 sq. yd. Blake Ave. $12,082; 2,820 sq.yd. Mansfield St. $13,786—to Franklin Asphalt Paving Co., 209 South High St., 1,715 sq.yd. Gault St. $7,179; 3,210 sq.yd. Washington Ave. $17,551—to B. F. Patterson, 999 West Goodale St., 4,180 sq.yd. Westwood Ave. $19,136. Grand total $74,213. Noted Sept. 27.

Michigan — At Village Clerks Office, Davison, concrete paving 4.93 mi. FC25-16, C-2, and 1.001 mi. MO25-16, C-3, 20 ft., Genesee Co., for State Hy. Dpt., Lansing, to C. G. Miline, Saginaw, $168,304 and $31,566 respectively. Noted Sept. 13.

Michigan — R. A. Beers, resident engr., Kalamazoo, sheet asphalt paving 3.682 mi. MO11-28, C-1, 36 ft., Berrien Co., to W. J. Lang Constr. Co., Benton Harbor, $200,737. Noted Sept. 27.

Michigan—H. G. Oakes, resident engr., Cadillac, concrete paving 2.346 mi. MO24-17, C-2, 20 ft., mmet Co., to Rogers Constr. Co., Scottville, for State Hy. Dpt., Lansing. $82,875 incl. cement. Noted Sept. 6.

Michigan—R. W. Roberts, resident engr., Saginaw, concrete paving 3.907 mi. MO73-12, C-1, 20 ft., Saginaw Co., to Cunningham Constr. Co., Saginaw, for State Hy. Dpt., Lansing. $125,045 incl. cement. Noted Sept. 13.

Michigan—A. R. Schaefer, resident engr., concrete paving 5.222 mi. MO2-14, C-1, 20 ft., Alger Co., to Vizena & Gattiss, Munising, for State Hy. Dpt., Lansing, $220,303 incl. cement. Noted Sept. 13.

Mich., Monroe—Concrete paving Monroe St., building retaining walls under curb lines near new bridge, to W. H. Knapp Co., Monroe, $33,355.

Ill., Alton—City Clerk, grading, curbing, rein.-con. paving 8,011 sq.yd. Sering Ave., and 7 in. rein.-con. paving Hardy St., to J. B. Miller, 519 Belle St., $20,122 and $3,157 respectively.

Ill., Carlyle—Concrete slab widening 3,200 sq.yd. Dist. 4, to Casey Constr. Co., Casey; 7 in. rein.-con. paving 21,000 sq.yd. Dist. 5, to Chicago Ridge Constr. Co., Chicago Ridge.

Ill., Chicago — Bd. Local Impvts., City Hall, grading, tile sewers, brick manholes, catch basins, concrete paving 3 alleys, to P. J. O'Brien & Co., 4 North Cicero Ave.—2 alleys, to Paramount Constr. Co., 82 West Washington St.—1 alley, to J. Dillon & Co., 2953 South Halsted St.—grading, curbing, guttering, sewers, asphalt on 6 and 8 in. concrete paving Brown St., North Lockwood and North Lavergne Aves., to Barber Paving Co.—West 99th, 100th, 101st, 102nd Places, East 50th, East 107th, West 83rd, West 99th, 100th, 101st and 102nd Sts., Avenue E, South Hamilton and Princeton Aves. ,to Amer. Asphalt Paving Co., 133 West Washington St.—Kuehl Pl., Palmer St., North Neva, Costello, Dickens, North Kedzie, Glenlake, Lemont, Hiawatha, North Kirkpatrick, Peterson, Kimball, Newcastle,

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Streets and Roads (Continued)

Waveland, North New England and Newland Aves., also grading, recurbing, guttering, asphalt resurfacing Hazel St., to White Paving Co., 1735 Fullerton St.—grading, curbing, guttering, sewers, 8 in. concrete and crushed limestone paving North Central Park Ave., to Central Paving Co., 179 West Washington St.—grading, curbing, guttering 10 in. concrete paving Peterson Ave., to J. A. Sackley Co., 4608 Belmont Ave. Noted Sept. 20 and 27.

Ill., Chicago — Bd. Local Impvts., City Hall, 6 to 15 ft. concrete sidewalks on one and both sides Ritchie Court, East Walton Pl., West 33rd, East 24th, East 46th, East 88th, East 89th, Fillmore, Justine, South Morgan, Palmer, North Robey, South Wood, North Wood and Wallace Sts., West North, Anthony, North Hoyne, South Jefferson, Elston, North Kedzie, Princeton, Rhodes, Samen, Paxten, South Union, Vernon, South Wabash, Yates, Anthony and Luella Aves., to G. Kehl Sons, 2225 Maplewood Ave.—West Delmar Pl., Lane Court, North Clark East Goethe, East Huron and Locust Sts., Kedzie, North Lawndale, Morse, North Oakley, North Racine, Wellington and North Western Aves., to C. Schroeder & Sons Co., 3440 Johnson Ave.—East 57th, East 91st, West 88th, West 55th, South Paula and South Wood Sts., South Wabash, South Mansfield, South Hermitage, Essex, Phillips, Yates, South Menard and South Austin Aves., to Superior Concrete Constr. Co., 133 West Washington St.—West 35th, Argyle and North Rockwell Sts., North St. Louis, Carmen, Winnemac and North Washtenaw Aves., to Banner Constr. Co., 384 North Harding Ave.—West Marquette Rd., West 65th and 66th Places, West 65th and 66th Sts., Bryn Mawr, Lincoln, Southport, Blue Island, Gunnison, Montrose, Rhodes, Millard, South Hamlin, North Ashland, Blue Island and Montrose Aves., to J. J. Croake Co., 2927 Fullerton Ave.—South State St. and Fullerton Ave., to A. Graff & Co., 30 North La Salle St.—North Carolina and North Kildare Aves., to M. Schuh, 4625 Dickens Ave.—East 88th West 99th and La Salle Sts., Fullerton, La Fayette, Perry, Balmoral, Berwin, Foster, Higgins, North Melvina, North Mobile, North Mulligan, North Eagle, Euclid, Constance, Bennett and Creiger Aves., to Simpson Constr. Co., 1113 South Hermitage St.—West 97th, West 98th, West 102nd, West 103rd, South State and South La Salle Sts., to H. Johnson & Co., 340 South 11th St.—East 81st, 82nd and 83rd Sts., Burnham, Manistee, Marquette, Saginaw and Colfax Aves., to Aldrich Constr. Co., 140 South Dearborn St. Noted Sept. 20.

Ill., Chicago—Cook Co., paving 107th St., to Oltendorff Constr. Co., Palatine, $18,604—Archer Avenue Extension, to J. N. Pierson Co., Chicago Heights, $75,563—Harrison St., to Chicago Heights Coal Co., 27 East 19th Pl., Chicago Heights $95,613—95th St., to States Improvement Co., 160 North La Salle St., $28,108—Wentworth Ave., to Independent Paving Co., $36,074—Gross Point Rd., to Arcole Constr. Co., Evanston, $48,213—Lake St., to Bway. Constr. Co., 205 West Wacker Dr., $83,930—Northwest Hy., to Stanley Jaicks, Oak Park, $61,592—Northwest Hy., to Milburn Bros., Rockford, $23,091. Grand total $470,788.

Wisconsin — State and Vernon and Monroe Counties Hy. Comns., La Crosse, crushed stone surfacing 3,371 cu.yd. Westby-Cashton Rd. Project 5978, Monroe Co., and 11,400 cu.yd. Westby-Black River Falls Rd., Project 398-A, Vernon Co., to Fitton, Muller & Fitton, Madison $23,142—grading 5.771 mi. Westby-Black River Falls Rd., Project 398-A, Vernon Co. and 1.7 mi. Westby-Cashton Rd., Project 5978, Monroe Co., to G. J. Grant Constr. Co., 904 Exch. Bank Bldg., St. Paul, Minn., $25,322 and $5,901 respectively. Grand total $54,365.

Wisconsin—State and Sauk Co. Hy. Comns., Madison, grading 3.1416 mi. Federal Aid Project 418-B, to Nelson, Mullen & Nelson, 355 Temple Court, Minneapolis, Minn., $52,378. Noted Sept. 27.

Wis., Milwaukee — Dpt. P. Wks., R. E. Stoelting, comr., to Bodemann Constr. Co., 691 48th St., improving alley between Garfield St. and North Ave. $1,712, alley between Bartlett and Newhall Sts. $1,220, alley between 23rd and Teutonia Sts. $5,039, Adler St. $12,585, 52nd St. $12,344—to N. Harris, Girard and St. Albian Sts., alley between St. Claire and Seeley Sts. $987—to J. C. Bluhm & Son, 1299 Achilles Ave., alley between Newhall and Cambridge Sts. $1,457, alley between 12th and 13th Sts. $1,328, alley between Concordia and Townsend Sts. $804—to E. Radtke, 1495 13th St., 16th St. $6,803—to H. R. Hauptkamp, 501 2nd Ave., Hawley Rd. $1,830—to Gumz & Switalski, 831 13th Ave., Lincoln Ave. $12,372—to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave., Lincoln Ave. $11,866. Grand total $70,347.

Ia., Dakota City — Humboldt Co., to Moore & Eldredge, Clemons, improving roads, 11,300 cu.yd. gravel 1 mi. haul at $0.23 and $0.24 per cu.yd., 44,800 units overhaul $0.054, 3,500 cu.yd. stripping $0.12.

Ia., Waterloo—C. C. Maskay, city clk., concrete paving 16,000 sq.yd. and 3 in. brick paving 6,000 sq.yd., to Black Hawk Constr. Co., Waterloo Savings Bank Bldg., at $1.78 and $2.03 per sq.yd. respectively. Noted Sept. 8.

Kan., Belleville — Republic Co., grading, culverts 11.873 mi. Projects 81-25 F313 A and B, to D. Scherrer, 329 North 19th St., Kansas City, Mo., $51,609; 3 bridges, to W. P. Shivers, Scandia, $14,088.

Kan., Eureka—Greenwood Co., grading 4.355 mi. Federal Aid Project 239-F, to J. J. Thompson, Omaha, Neb., $40,842. Noted Mar. 1.

Kan., Newton—Curbing, concrete paving 3,505 sq.yd. to L. Phares, Newton, $6,888; brick resurfacing 21,693 sq.yd., to Stanton & Wallace, Leavenworth, $41,866.

Kan., Norton—Norton Co., grading, culverts, bridging 5.6 mi. Projects 39-9-K 680 and 36-9-F, A. 345-B, to Young & Hall, Maywood, $77,925.

Neb., Crawford—R. B. Wellington, city clk., grading, curbing 6 in. rein.-con. granite concrete paving 26,800 sq.yd. Paving Dist. 1, to Roberts Constr. Co., 1st Natl. Bank Bldg., Lincoln, $76,557. Est. $70,000. Noted Aug. 9.

Mo., Richmond Heights (mail St. Louis)—Rein.-con. paving 4,407 sq.yd. Lindbergh Dr., to C. M. Berry Constr. Co., 7370 Manchester Ave., Maplewood, $18,195—3,960 sq.yd. Bennett Dr., to Carlon Constr. Co., 3516 Grenewood Blvd., Maplewood, $15,894—concrete paving 883 sq.yd. Plateau Ave., to Fehlig-Ferrenbach, Inc., 3500 Hickory St., St. Louis $4,055. Grand total $38,144.

Tex., Harlingen — Concrete paving, to F. P. McElwrath Paving Co., Harlingen, $30,000. Est. $35,000. Noted Sept. 20.

Tex., Houston—Harris Co., constructing spillways, shell shoulders, concrete paving 7,000 ft. Market St. Rd., to Russ Mitchell, Inc., Petroleum Bldg., $62,102. Est. $65,000. Noted Sept. 13.

Tex., Marshall—Curbing, flood water sewers, 2½ in. brick on 4 in. base paving, to Cocke & Turner, Marshall, $56,084. Est. $60,000.

Tex., Pampa—Vibrolithic concrete paving 27 blocks, to Stuckey Constr. Co., P. O. Box 1441, $212,574.

Okla., Oklahoma City—Grading, paving 8 blocks Young Blvd., and 25th St. S., 26 and 40 ft., to M. A. Swatek & Co., 519½ West Main St., $26,932. Est. $28,810.

Okla., Tulsa — Grading, sheet asphalt paving 9,600 sq.yd. Paving Dist. 896, to Standard Paving Co., 215 East 2nd St., $37,447. Est. $39,000.

Colorado—State Hy. Dpt., Denver, ½ mi. paving and concrete bridge Pueblo Co., to J. Fred Roberts & Sons Constr. Co., Tramway Bldg., Denver, $40,000.

Wash., Seattle—Paving 30th Ave. S. et al., to J. B. Covello, 1510 16th St., $48,152.

Wash., Seattle — Bd. P. Wks., concrete paving 25,720 sq.yd. Aloha St., to Moceri Bros., 813 29th Ave., $72,125; 16,930 sq.yd. 50th Ave. N. E., to S. A. Moceri, Inc., 924 34th Ave., $46,695.

California—State Hy. Dpt., grading, asphaltic concrete paving 8.9 mi. Kern Co., to Valley Paving & Constr. Co., Bank of Italy Bldg., Visalia, $179,902. Noted Sept. 13.

Calif., Los Angeles — Grading, concrete paving Hubbard Ave. between Mulholland and 4th Sts., to Tryon & Brain, California Bldg., $49,717.

Calif., Los Angeles — To G. H. Oswald, 366 East 58th St., improving Gulf Ave. $39,734; Bedford and Vera Sts. $50,633; grading, concrete paving Barry and La Grange Ave. Impvt. Dist. $192,946—to Los Angeles Paving Co., 3200 East Vernon Ave., improving Federal and Ohio Aves., $239,500—to Griffith Co., 502 Los Angeles Ry. Bldg., Sanford Ave. and G St., $44,213—to G. W. Ellis, 1005 Kenneth Rd., Glendale, Oxnard St., $52,709—to Tryon & Brain, California Bldg., grading, concrete paving Saticoy St. and Clyburn Ave. Impvt. Dist., $82,835. Grand total $702,570.

Calif., Los Angeles—Supervs. Los Angeles Co., grading, 1½ in. oiled macadam paving 745,850 sq.ft. Gladstone and Juniata Sts., to A. O. Nelson, 136 North Huntington Dr., Pasadena, $82,438. Noted Sept. 13.

Calif., Los Angeles — Los Angeles Co., curbing, guttering, sidewalks, concrete paving Impvt. C. I. 771, Industrial Ave., to J. E. Haddock, 357 Chester St., $30,516; grading, 9-7-7-9 in. concrete paving Impvt. A. & I. 180, Atlantic Ave., to W. H. Goff, 1921 Apex St., $244,798. Noted Sept. 13.

Calif., San Diego—Grading, sidewalks, 2 in. asphaltic concrete paving 287,492 sq.ft. Cass and other streets, to D. H. Ryon, 1615 Fern St., $104,810. Noted Sept. 13.

Calif., San Diego—For 6 in. concrete paving Harbor St., to Butterfield Constr. Co., Box 157, $26,279.

Calif., San Diego—San Diego Co., improving streets in Fletcher Hills, to Butterfield Constr. Co., Box 157, $469,648.

Calif., San Luis Obispo—J. G. Driscoll, clk. San Luis Obispo Co., asphaltic concrete paving, street lighting and water systems, Mt. Pleasant Sub-division, to I. L. Ryder, San Jose, $23,415. Noted Oct. 4.

Ont., Toronto—Concrete curbing Oakwood Ave., to Godson Contg. Co., 203 Richmond St. W., at $0.60 per lin.ft.; asphalt paving Oakview Ave. and asphalt on concrete paving Sects. A, B, D and E, St. Clair Ave. W., to owner by day labor under supervision R. C. Harris, engr. City Hall, $60,300.

Ont., Toronto—York Twp., asphalt or bitulithic on concrete paving Ennerdale Rd. and Bicknell Ave., to Warren Bituminous Paving Co., 54 University Ave., $90,407—Alameda Ave., to Kilmer & Barber, 10 Adelaide St. E., $23,142—Cliffe St. and Ossington Ave., to Godson Contg. Co., 203 Richmond St. W., $16,193—Sydney Ave., to Constructing & Paving Co., Confederation Life Bldg., $9,418. Grand total $139,160.

Ont., Walkerville — Paving streets, to Chick Contg. Co., McDougall Ave., Windsor; sewers, to Ryan Constr. Co., 109 Ottawa St., Windsor. Total $80,000.

Ont., Welland—Welland Co., asphalt paving 14,750 sq.yd. Ridge Rd. south to Ridgeway, to Law Constr. Co., Confederation Life Bldg., Toronto, $42,469.

Ont., Windsor—Concrete curbing, guttering, 8 in. rein.-con. paving 10,000 sq.yd. Tecumseh Rd., to Check Contg. Co., McDougal St. $39,000.

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Public Bond Elections

Coming Bond Elections

Waterworks and Sewerage Systems—Carthage, Miss., Oct. 19, $65,000.
Waterworks—Ozark, Mo., $40,000.
Waterworks—Friday Harbor, Wash., Nov. 6, $50,000.
Sewage and Drainage Systems — Gretna, La., Nov. 6, $300,000.
Sewers—Purcell, Okla., Nov. 6, $25,000.
Roads—Brooke County, W. Va., Feb. 15, $1,100,000.
Roads—Doddridge County, McClennan Dist., W. Va., Nov. 6, $100,000.
Roads—McDowell County, W. Va., Sandy River Dist., Nov. 6, $150,000.
Roads—Nueces County, Tex., Nov. 10, $200,000.
Court House and Jail—Wellsburg, W. Va., Feb. 15, $400,000.
High School—Brady, Tex., Oct. 30, $135,000.
Airport—Columbus, O., Nov. 6, $850,000.
Grain Elevator — Tacoma, Wash., Pierce County, Nov. 6, $500,000.

Bonds Voted

Waterworks—Haverstraw, N. Y., $450,000.
Waterworks—Stinnett, Tex., $37,000.
Waterworks—Elk Point, S. D., $13,000.
Sewers—Bunkie, La., $25,000.
Sewers—Emporia, Kan., $110,000.
Sewerage System — Hallettsville, Tex., $35,000.
Roads—Carter County, Okla., $500,000.
Roads—Ellis County, Tex., $489,000.
High School—Ventura, Calif., $405,000.
Airport — Detroit, Mich., Wayne County, $1,000,000.

Buildings—Industrial

Proposed Work

Me., Belfast—SERVICE GARAGE, OFFICE and REPAIR SHOP—City Vulcanizing Co., c/o Edwards Sales Co., 445 Congress St., Portland, 2 story, 50 x 85 ft., brick, steel, Main St. $40,000 or more.

Mass., Belmont—GARAGE and REPAIR STATION—Cambridge Impvt. Corp., 433 Marlboro St., Boston, sketches by E. Nolte, 79 Milk St., Boston, 1 story, 135 x 200 ft., brick, Wilson Ave. $40,000.

Mass., Falmouth — COLD STORAGE PLANT and ICE HOUSE — S. T. Cahoon, Woods Hole, 1 and 2 story, irregular sized, rein.-con., plain found., Sippewissett Rd. $40,000. Private plans. W. A. Gifford, Falmouth, engr.

Mass., Malden (br. Boston)—BOTTLING PLANT—Empire Bottling Co., 33 Suffolk St., plans by C. F. Springall, Spring St., altering and constructing 2 story addition. $40,000.

Buildings—Industrial (Continued)

Conn., East Hartford (br. Hartford)—FACTORY—Capital Parlor Frame Co., 470 Tolland St., plans by G. Zunner, 182 High St., Hartford, 1 story, 60 x 200 ft. parlor suite factory, brick. $45,000.

Conn., Fairfield—FACTORY—McKesson & Robbins Co., Grasmere St., plans by Fletcher-Thompson, Inc., 542 Fairfield Ave., Bridgeport, 5 story, 100 x 200 ft., rein.-con., Grasmere St. $155,000.

Conn., New Haven — GARAGE — Cooley Chevrolet Co., Inc., 158 Whalley Ave., brick, showroom and automobile service station, Whalley Ave. $100,000. Engineer and architect not selected.

Conn., West Haven (br. New Haven)—WEAVING—Velvet Textile Corp., Gilbert St., plans by D. E. Smith, 52 Temple St., New Haven, 1 story, 45 x 152 ft., brick, steel, Gilbert St. $40,000.

N. Y., Brooklyn — FACTORY — Gotham Can Co., M. Schactman, pres., plans by J. McKillop, 527 1st St., 3 story factory, Eagle St. and Franklin Ave. $40,000.

N. Y., New York—SERVICE GARAGE—Koenig-Leiser Realty Corp., N. Koenig, pres., 391 East 149th St., plans by Cohn & Siegel, 45 West 57th St., 2 story, 93 x 100 ft., brick, concrete, Mayflower and Wilkinson Sts. $90,000.

N. Y., New York—SERVICE GARAGE—J. Land, 525 7th Ave., plans by F. J. Ricker, 1328 Bway., 2 story, irregular shaped, brick, concrete, Gable Pl. and Macombs Rd. $150,000.

N. J., Newark—FACTORY—R. G. Smith Tool & Mfg. Co., 245 N. J. R.R. Ave., 1 story, basement, 100 x 100 ft., brick, steel, plain found., 120 Christie St. $40,000. Private plans.

N. J., West New York — BOILER and POWER HOUSE — J. J. Gloster, archt., 1440 Bway., New York, soon lets contract 1 story, basement, brick, steel, plain found., Palisade Ave., for Ideal Laundry Co., Palisade Ave. $40,000.

La., Gretna — PLANT — Davison Pick Fertilizer Co. fertilizer plant, extending wharf. $150,000.

O., Alliance—FACTORY—Alliance Aircraft Corp. soon takes bids 1 story, 60 x 300 ft., Union Ave. $40,000.

O., Barberton—ICE PLANT—Henry Coal & Ice Co., 400 East Baird Ave., 2 story, concrete, steel, Baird Ave. and Bolivar Rd. $85,000.

O., Cleveland — INDUSTRIAL — State of Ohio, c/o J. E. Harper, dir. P. Welfare, Columbus, plans by H. B. Briggs, Hartman Bldg., Columbus, 1 story, 120 x 125 ft., brick, steel, Turney Rd. $75,000.

O., Cleveland — MACHINE SHOP — Buckeye Forging Co., J. W. Baxter, pres., 10205 Harvard Ave., plans by Christian, Schwarzenberg & Gaede, 1900 Euclid Bldg., 1 story, 60 x 120 ft., brick, stone, 10205 Harvard Ave. $50,000.

O., Wooster — FACTORY — Mackintosh-Hemphill Co. soon takes bids 2 story factory unit. $40,000.

Mich., Detroit—FACTORY—Dodge Bros. Division, Chrysler Motor Car Co., 341 Massachusetts Ave., Highland Park, plans by A. Kahn, 1000 Marquette Bldg., 1 story, 120 x 1,952 ft., concrete, brick, steel, plain found., Mt. Elliott Ave.

Mich., Detroit—FACTORY—Hudson Motor Car Co., 12601 East Jefferson Ave., plans by A. Kahn, 1000 Marquette Bldg., 2 story, part basement, rein.-con., brick, steel, plain found., Jefferson Ave. $100,000.

Mich., Detroit—FOUNDRY EQUIPMENT FACTORY—Holcroft & Co., 6545 Epworth Blvd., plans by C. L. Phelps, 504 Detroit Savings Bank Bldg., 1 and 2 story, 105 x 180 ft., rein.-con., brick, plain found., Westwood Ave.

Mich., Ferndale (br. Detroit)—POWER HOUSE and SUBSTATION—Steel & Tubes Co., 232 East 131st St., Cleveland, O., 1 story, 50 x 50 ft., rein.-con., brick, steel, plain found., Wanda Ave. Sessions Eng. Co., General Motors Bldg., Detroit, engrs.

Minn., Minneapolis — PLANT and GAS MAINS—Minneapolis Gas Light Co., 14th Ave. S., Minneapolis, or c/o F. T. Hulswit, 120 Bway., New York, plant and extension mains. $5,000,000-$10,000,000.

Texas — REFINERY PLANTS — **Texas** Co., Houston (subsidiary Texas Co., 17 Battery Pl., New York), 3,000 bbl. plant at Amarillo, $250,000; 1,500 bbl. plant at El Paso, $150,000; 1 at San Antonio, $2,000,000. Private plans.

Tex., Beaumont—ROUNDHOUSE—Waco, Beaumont, Trinity & Sabine Ry. Co., P. G. Burns, ch. engr., Trinity, brick, concrete warehouse. $150,000. Private plans.

Tex., Mineral Wells — ICE PLANT — E. L. Maisby, San Angelo and E. J. Roberts, Comanche, rein.-con., steel, brick, 40 ton capacity electrically operated ice plant. $40,000. Private plans.

Tex., Pampa — GASOLINE PLANT — F. E. Gilmore Co., Amarillo, 20,000 gal. casinghead gasoline plant, 5 mi. east of here. $200,000. Private plans.

Tex., Pampa—GAS PLANT—Cities Serv. Gas Co., 60 Wall St., New York, improving natural gas plant, near here, incl. additional machinery. $40,000. Private plans.

Okla., Lawton—FACTORY—J. W. Brown Paint Co. sketches 1 story paint factory. $50,000.

Okla., Oklahoma City—OIL REFINERY—Wirt Franklin Oil Co., Ardmore, sketches 1,000 bbl. oil refinery, near here. $200,000. Private plans.

Okla., Tulsa—ICE PLANT—C. H. Allbert, sketches 75 ton raw water ice plant.

Ore., St. Helens — BUILDING BOARD and PAPER MILL — Fir-Tex Insulated Co., Portland, A. E. and C. A. Millington, industrial engrs., Portland, 100 x 1,400 ft. main building. $2,000,000.

Calif., Los Angeles—WAREHOUSE and FACTORY — Hamilton Mfg. Co., Two Rivers, Wis., sketches warehouse and factory.

Que., St. Johns—PLANT—Russell Mfg. Co., Middletown, Conn., T. M. Russell, pres., sketches plant, 80,000 sq.ft. floor space. To exceed $40,000.

Ont., Kitchener — FACTORY — Canadian Goodrich Co., J. W. Jordan, mgr., brick, steel addition, King St. W. $250,000.

Ont., London—GARAGE, REPAIR SHOP and SERVICE STATION—T. C. Ivinson, 314 Piccadilly St., 4 story, basement, 71 x 90 ft., King St. $60,000.

Ont., Port Arthur—CREAMERY—C. P. Bliss, Slate River, Creamery, Bay St. $60,000.

Ont., St. Catharines — DAIRY — Silverwoods, Ltd., A. E. Silverwood, mgr., London, plans by F. F. Saunders, 116 Concord Ave., Toronto, and soon take bids 2 story, basement, 98 x 100 ft., brick, tile, 277 Welland St. $75,000.

Ont., Windsor — FACTORY — Chrysler Corp. of Canada, J. D. Mansfield, mgr., 300 Tecumseh Rd., plans by Hutton & Souter, 6 James St. S., Hamilton, and takes bids about Nov. 1, factory and truck plant, Tecumseh Rd. $1,500,000. Noted Sept. 20.

Bids Desired

Mass., Cambridge (br. Boston) — LABORATORY, SERVICE and REPAIR GARAGE—Belluche Photo Finishing Serv. Co., 786 Mass. Ave., taking bids 1 story, basement, irregular sized, brick, plain found., Franklin St. $40,000. Private plans.

Mass., Peabody—FACTORY—A. C. Lawrence Leather Co., Crowninshield St., taking bids altering and constructing 2 story, brick, steel addition, plain found., Crowninshield St. $45,000. Private plans.

Conn., Stamford — GARAGE — Redman Chevrolet Co., Inc., Mill River St., taking bids altering and constructing 2 story, 50 x 100 ft., brick, steel addition, $50,000. Fletcher-Thompson, Inc., 542 Fairfield Ave., Bridgeport, archts.

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. Y., Sunnyside (mail Long Island City)—BAKERY—See "Contracts Awarded."

N. J., Newark—ELECTRICAL SUB-STATION—See "Contracts Awarded."

Mich., Detroit — FACTORY — Pollmar & Ropes, archts., 2539 Woodward Ave., taking bids and open same about Oct. 23, 1 story, rein.-con., brick, steel, plain found., Minnie St., for Liberty Starter Co., 241 Minnie St. $50,000.

Mich., Detroit — FACTORY — Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., 4 story, 100 x 125 ft., taking bids and open same about Oct. 15, 4 story, 100 x 125 ft., rein.-con., brick, steel, plain found., East Jefferson Ave., for Chrysler Motor Car Corp., 341 Massachusetts Ave. $100,000.

Ill., Oak Park — PRINTING PLANT — S. N. Crowen & Co., archts., 22 West Monroe St., Chicago, taking bids 4 story, tower, 75 x 140 ft., brick, stone, 1104 Lake St., for Pioneer Publishing Co. $326,000.

Tex., Floydada—COMPRESS—See "Contracts Awarded."

Contracts Awarded

Vt., St. Johnsbury — MANUFACTURING and POWER PLANT — American Fork & Hoe Co., 1 and 2 story, brick, plain found., 8 Ely St., to J. M. Swan & Sons, 144 Portland St.

Mass., Andover — POWER HOUSE — Phillips Andover Academy, J. H. Buttiner, supt. Buildings, 1 story, basement, brick, plain found., to E. W. Pitman Co., Bay State Bldg., Lawrence. Est. $40,000. Noted Sept. 20.

Mass., Belmont—SERVICE and REPAIR GARAGE — Town, c/o H. T. Underwood, archt., 46 Cornhill, Boston, 1 story, irregular sized, rein.-con., brick, steel, plain found., to P. T. McMahon, 1081 Washington St., West Newton. Est. $40,000. Noted Oct. 4.

Mass., Boston—SALES and SERVICE STATION—One Hundred Fifty-Five Brookline Ave., Inc., 1 and 3 story, 130 x 135 ft., brick, rein.-con., plain found., 155 Brookline Ave., to F. J. Van Etten Co., 250 Stuart St. Est. $40,000 or more.

Mass., Chelsea (br. Boston)—FACTORY—Panco Rubber Co., F. Bernstein, pres., 31 Highland St., 2 story, 90 x 100 ft., rein.-con., timber addition, concrete found., Highland Ave., to I. Melnicker, 46 Grove St. Noted Sept. 13.

Mass., Chester — FACTORY — Courtland Grinding Wheel Corp., Huntington Rd., 2 story, brick, timber, plain found., Huntington Rd., to A. M. Cowles, 5 Crown St., Westfield. Est. $40,000.

Mass., Lynn — NEWSPAPER DISTRIBUTING STATION—North Shore News, R. S. Bauer, pres., 52 Exchange St., 2 story, basement, 65 x 105 ft., brick addition, to K. Swanson, 7 Willow St. Est. $40,000. Noted Sept. 13.

Mass., Somerville (br. Boston)—MANUFACTURING—Vacuum Co., 105 Mystic Ave., altering and constructing brick, steel, addition, to J. W. Bishop Co., 100 Erie St., Cambridge. Est. $100,000.

Mass., Springfield — SERVICE and REPAIR GARAGE — Main & Cypress Realty Co., c/o J. W. Foster, archt., 105 Bridge St., 2 story, 60 x 150 ft., rein.-con., steel, plain found., Main and Cypress Sts., to E. F. Carlson Constr. Co., 1694 Main St. Est. $50,000 or more.

Conn., New Haven—MACHINE SHOP—G. M. MacKenzie, 26 Water St., 1 story, 50 x 150 ft., brick, Water St., to L. F. Caproni, 1056 Chapel St. Est. $40,000 incl. equipment.

N. Y., Brooklyn—FACTORY—C. Pfizer & Co., 11 Bartlett St., general contract 7 story factory, Harrison and Gerry Sts., to Barney Ahlers Constr. Co., 110 West 40th St., New York; piling to Raymond Concrete Pile Co., 140 Cedar St., New York. Est. $300,000. Noted Sept. 27.

N. Y., New York—SERVICE GARAGE—Arnold Constr. Co., A. B. Basheim, pres., 289 Mott Ave., service garage, Mott Ave. and 140th St., separate contracts. $60,000. Moore & Lansiedel, 148th St. and 3rd Ave., archts.

N. Y., Sunnyside (mail Long Island City) — BAKERY — Slade Constr. Corp., 881 Ocean Parkway, Brooklyn, 1 story, 80 x 100 ft., brick, separate contracts. $50,000. Farber & Kalpin, 174 Pitkin Ave., Brooklyn, archts. Noted Oct. 4.

N. Y., Tonawanda—FACTORY—Curtiss Airplane & Motor Co., 3 story, 60 x 200 ft., 1 story, 200 x 1,500 ft., 200 x 200 ft. factories, and 60 x 100 ft. garage, to James Stewart & Co., 17 East 42nd St., New York. $3,000,000 cost plus percentage basis. Noted Sept. 20.

N. J., Boonton—HOSIERY MILL—Boonton Full Fashionery Hosiery Mills, H. G. Fichtner, pres., 503 Lathrop Aves., general contract 3 story, 105 x 115 ft., brick, steel, plain found., Division St. and Myrtle Ave., to J. J. O'Leary Co., 125 Prospect St., Passaic. $60,000.

N. J., Newark—ELECTRICAL SUB-STATION—Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, 2 story, basement, 100 x 112 ft., brick, steel, plain found., 304-12 Norfolk St. separate contracts. $75,000. Pub. Serv. Production Co., 80 Park Pl., engr.

Pa., Coraopolis — PLANT — Russel, Burdsall & Ward, general contract 1 story, 60 x 100 ft., brick, steel addition, to Austin Co., Union Trust Bldg., Pittsburgh. Est. $40,000.

Pa., Phila. — MANUFACTURING — La-France Textile Co., 4423 Frandford Ave., 3 story, 100 x 111 ft. brick, steel, plain found., Large and Orthodox Sts., to Wintz Bros., 1618 Sellers St. Est. $100,000.

Pa., Pittsburgh — WAREHOUSE — Jesse C. Stewart Co., 568 South Aiken Ave., general contract 4 story, basement, brick, rein.-con., West Carson St., to C. H. Smith, Murdock St. Est. $45,000.

W. Va., Parkersburg — MANUFACTURING — Parkersburg Rig & Reel Co., general contract 1 story addition, to Plate Constr. Co., Parkersburg. Est. $75,000.

N. C., Asheville—RAYON PLANT—American Enka Corp., A. F. Moritz, vice pres., 114 East 32nd St., New York, general contract rayon plant on 75 acre tract, to H. K. Ferguson Co., Hanna Bldg., Cleveland, O.; grading for above to Nichols Contg. Co., 1281 La France St., N. E., Atlanta, Ga. Est. $10,000,000. Noted Oct. 4.

O., Akron — WAREHOUSE — Goodyear Tire & Rubber Co., G. A. Litchfield, pres., East Market St., 5 story, basement, 200 x 600 ft., brick, steel, Seibereing St., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland. Est. $500,000.

O., Cleveland—FACTORY—Briggs Mfg Co., 11631 Mack St., Detroit, Mich., alter-

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Buildings—Industrial (Continued)

ing 5 story, basement, 200 x 300 ft., brick, hollow tile, steel, Taft Ave., to Sam W. Emerson Co., 1836 Euclid Ave. Est. $40,000.

O., Cleveland—FACTORY—Cloyes Gear Co., R. T. Cloyes, pres., 1614 Collamer Ave., 1 and 2 story, 30 x 140 ft., brick, steel, Arabelle Rd., to Mitzel Co., Keith Bldg. Est. $40,000.

O., Cleveland — FACTORY — Eaton Axle Co. ,East 140th St., 1 story, 330 x 401 ft., rein.-con., brick, steel, 661 East 140th St., to Crowell & Little Constr. Co., Hanna Bldg. Est $300,000. Noted Oct. 4.

O., Cleveland—FACTORY—A. Foss, 9508 Quincy Ave., 1 and 2 story, 47 x 80 ft., brick, steel, 2891 East 79th St., to W. Dunbar Co., 8201 Cedar Ave. Est. $40,000.

O., Cleveland—FACTORY—Gears & Forgings, Inc., 3010 Woodhill Rd., 3 story, basement, 72 x 72 ft., brick, steel, concrete addition, to Industrial Constr. Co., 308 Euclid Ave. Est. $50,000. Noted Oct. 4.

O., Cleveland—FACTORY—Royal Brass Mfg. Co., 1420 East 43rd St., 1 story, 34 x 132 ft., brick, steel, 1424 East 43rd St., to Super-Built Constr. Co., 1836 Euclid Ave. Est. $40,000.

Ind., Ft. Wayne—FACTORY—Ft. Wayne Engraving Co., 106 West Superior St., general contract 2 story, basement, 48 x 138 ft., rein.-con., brick, to Rump & Kintz, 210 Medical Arts Bldg. Est. $40,000. Noted Sept. 6.

Ind., Indianapolis—MACHINE SHOP and GARAGE — R. McGregor, Consolidated Bldg., general contract 70 x 200 ft., brick, steel, 1011 North Pennsylvania St., to A. V. Stackhouse, 2611 Cornell Ave. Est. $42,000.

Ind., Indianapolis — PLANT — W. Lynn Chemical Co., North Davidson St., general contract 3 story, basement, 35 x 100 ft., brick, steel, to A. A. Fitchell Co., 247 North Lansing St. Est. $46,000. Noted Sept. 6.

Mich., Detroit—ELECTRICAL SUPPLY FACTORY—Lincoln Mfg. Co., 2630 Erskine St., 4 story, 85 x 100 ft., rein.-con., brick, plain found., Chene St., to Lerner-Sobel Co., 510 Book Bldg. Est. $70,000. Noted Oct. 4.

Mich., Detroit—FACTORY—Chrysler Motor Car Corp., 341 Massachusetts Ave., Highland Park, 4 story, 50 x 120 ft., rein.-con., brick, steel addition, plain found., to R. H. Hidey, 7-246 General Motors Bldg. Est. $50,000.

Mich., Flint—SPARK PLUG FACTORY—A. C. Spark Plug Co., Dort Hy., 1 story, 72 x 277 ft. heat treat and 72 x 225 ft. die cast buildings, rein.-con., brick, steel, plain found., Dort Hy., to Realty Constr. Co., 502 Industrial Bank Bldg.

Mich., Lansing—AUTO FACTORY—Olds Motor Car Co., Division St., 1 story, 100 x 180 ft., rein.-con., brick, steel addition, plain found., to Reniger Constr. Co., 127 North Cedar St. Est. $50,000.

Mich., Saginaw — FOUNDRY — Baker Perkins Co., Inc., 1 story, 100 x 340 ft., brick, steel, concrete, Hess St., to James Kerns & Son, 207 South 3rd St. Est. $65,000.

Ill., Chicago — WAREHOUSE — A. I. Epstein, archt., 2001 West Pershing Rd., 1 story, 115 x 350 ft., 3410-22 West 48th St., to Pirot Constr. Co., 38 South Dearborn St., for Caspers Tin Plate Co., 1428 West 37th St. Est. $150,000.

Mo., St. Louis — POWER PLANT — Anheuser-Busch, Inc., 721 Pestaluzzi St., remodeling power plant, 9th St., water treatment equipment, to Cochrane Corp., Phila., Pa.; boiler feed pumps, to Dean-Hill Pump Co., Buder Bldg., This corrects report in Sept. 27 issue.

Mo., St. Louis — SHOE FACTORY — Samuels Shoe Co., 3443 North Bway., 2 story, basement, 150 x 168 ft., rein.-con., brick, Laclede Ave. near Sarah St., to Morrison Constr. Co., International Life Bldg.

Tex., Floydada — COMPRESS — Texas Warehouse & Compress Co., compress plant, own forces. $75,000. Private plans.

Tex., Smithville — TERMINAL FACILITIES — Missouri, Kansas & Texas R.R. Co. of Texas, F. Ringer, Dallas, ch. engr., 9 stall, brick, timber roundhouse, 80 x 80 ft., brick, steel machine shop, wood wheel platform, sanitary sewerage system, to T. H. Johnson, Citizens Natl. Bank Bldg., Sedalia, Mo., $170,000. Noted May 17, under "Railways."

Tex., Temple—ICE PLANT—T. V. Lawson, 236 Cumberland St., San Antonio, 1 story, 40 ton capacity, electrically operated ice plant, concrete, brick, steel, to Love Constr. Co., Temple, $40,000 incl. machinery.

Wash., Seattle — BAGHOUSE — Pacific Coast Cement Co., 3801 East Marginal Way, 3 story, basement, 70 x 80 ft., fireproof to Pacific Coast Eng. Co., 811 Railroad St. S. Est. $170,000.

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Calif., Los Angeles — FACTORY — Fruit Auction Co., Central Mfg. Dist., 1 and part 2 story, 100 x 200 ft., brick addition, to W. P. Neil Co., 4814 Loma Vista St., $45,000.

Calif., Los Angeles—PRINTING PLANT —Wolfer Printing Co., Winston and Wall Sts., and E. C. and E. W. Taylor, archts., 810 West 6th St., 1 story, 30 x 100 ft. top addition with 2 story, 42 x 134 ft. annex, concrete, brick, to K. R. Bradley Constr. Co., 6918 Stanford Ave., $42,285. Noted Oct. 4.

Calif., San Pedro — WAREHOUSE — Pacific Seaboard Fireproof Warehouse Corp., 6 story, basement, 165 x 300 ft., steel, rein.-con., Beacon and O'Farrell Sts., to McRoy Constr. Co., 503 Pacific Natl. Bank Bldg., Los Angeles, $850,000.

Ont., Oshawa—GARAGE—C. B. Dolphin, archt., Leader Lane, 3 story, 80 x 150 ft., rein.-con., brick, steel, to Mothersill & McCinnell, King St. W., for Mercury Service Ltd. $80,000. Noted Aug. 30.

Ont., Princeton — MILK PLANT — City Dairy Co., Spadina Crescent, Toronto, 2 and 3 story, 50 x 130 ft., brick, steel, to J. Vance, 15 Market Sq., Woodstock; special chimney, to F. Hankin Co., 165 Spadina Ave., Toronto. Est. $100,000.

Ont., Toronto—MACHINE SHOP—Link Belt Ltd., 791 Eastern Ave., general contract 1 story, concrete, brick, steel, to Jackson Lewes Co. Ltd., Federal Bldg.; structural steel, to McGregor & McIntyre Structural Steel Co., 1139 Shaw St.; gypsum roofing, to Canada Gypsum & Alabastine Co., Northern Ontario Bldg. Est. $100,000. Noted July 5.

Ont., Toronto—PAINT and VARNISH PLANT—Flint Paint & Varnish Co., Perth Ave., general contract 2 and 3 story, basement, concrete, brick, steel addition, to Anglin-Norcross Ltd., Temple Bldg.; reinforcing steel sublet to Trussed Concrete Steel Co., Federal Bldg. Est. $150,000.

Buildings—Commercial

Proposed Work

Mass., Chicopee—THEATRE, STORE and OFFICE—L. Taloumis, 88 Main St., plans by G. Dion, 10 Center St., 2 story, basement, 60 x 190 ft., brick, steel, plain found., Main St.

Mass., Chicopee Falls — THEATRE, STORE and OFFICE — L. Taloumis, 88 Main St., Chicopee, plans by G. Dion, 10 Center, Chicopee, 2 story, 60 x 190 ft., brick, steel, Main St. $160,000.

Mass., Needham (Ind. br. Boston) — BANK—Needham Natl. Bank for Savings & Trust, H. A. Carter, pres., 402 Highland Ave., bank, Great Plain Ave. $150,000 or more. Engineer and architect not selected.

Mass., Oak Bluffs—HOSPITAL—Martha's Vineyard Hospital, S. P. Luce, Jr., bd. trustees, revised plans by H. Tallant, Grand Central Terminal, New York, 1 and 2 story, basement, irregular sized hospital. $150,000. Noted May 31.

Mass., Somerville (br. Boston)—STORE-HOUSE—First Nat. Stores, 5 Middlesex St., sketches brick, timber meat storehouse, Mystic Ave. $1,500,000. Monks & Johnson, Chauncy St., Boston, engrs.

Mass., Walpole—BANK—Walpole Trust Co., Main St., bank. $150,000 or more. T. M. James Co., 3 Park St., Boston, archts.

Conn., Bridgeport—HOSPITAL—Bridgeport Hospital, Grant St., plans by E. B. Caldwell, 886 Main St., altering and constructing brick, steel addition. $150,000.

N. Y., Albany — BANK and OFFICE — National Savings Bank, c/o F. B. Stevens, 72 State St., bids after Jan. 1, general contract 20 story, brick, steel, 90-94 State St. $1,500,000. Halsey, McCormick & Helmer, 286 5th Ave., New York, archts. Noted May 31.

N. Y., Brooklyn — APARTMENT — Balweis Constr. Co., A. Weissberg, pres., 148 West 37th St., New York, plans by Seelig & Finkelstein, 66 Court St., 6 story, 90 x 100 ft., brick, timber, Brightwater Court and Darby St. $180,000.

N. Y., Brooklyn — APARTMENT — Iba Bros., Inc., J. Iba, pres., plans by Lang & Rosenberg, 1440 Bway., New York, 6 story, 90 x 200 ft., brick, timber, 4th Ave. and 62nd St. $500,000.

N. Y., Brooklyn — APARTMENT — One Hundred Thirty-Five Ocean Ave. Corp., H. J. Spitzen, pres., plans by B. W. Dartman, 66 Court St., 6 story, 112 x 127 ft., brick, timber, Ocean Ave. and Lincoln Rd. $350,000.

N. Y., Brooklyn—APARTMENT—Sudia Building Corp., H. Sugarman, pres., 16 Court St., plans by W. T. McCarthy, 147 Pierrepont St., 6 story, 100 x 140 ft., brick, timber, Colonial Rd. and Mackay Pl. $250,000.

N. Y., New York — APARTMENT — [illegible] "Contracts Awarded."

N. Y., New York—APARTMENT—S. J. Kaplan, 19 West 44th St., 20 story, 37 x [illegible] ft., brick, 806 6th Ave. $500,000.

N. Y., New York—APARTMENT—One Forty-Nine East 47th St. Corp., T. Crimins, pres., 734 Lexington Ave., plans by L. A. Goldstone, 420 Madison Ave., 15 story, 153 x 200 ft., 154 East 46th St. $1,500,000.

N. Y., New York — APARTMENTS — J. Peribinder, 332 East 149th St., plans by Franklin, Bates & Heidsmann, 2526 Webster Ave., 202 x 244 ft. apartment $850,000; 117 x 150 ft. $350,000; and 82 x 161 ft. $300,000, each 6 story, at 196th St., Grand Concourse and Valentine Ave.

N. Y., New York — APARTMENT — C. Stein, archt., 56 West 45th St., bids in January, apartment, Tompkins Sq. and Avenue B, for Assn. for Improving Condition of Poor, 105 East 22nd St. $200,000.

N. Y., New York — APARTMENT — Twelve Sixty-one Corp., c/o W. Guthamn, pres., 119 West 40th St., plans by E. Roth, 1440 Bway., 19 story, 784 Park Ave. $1,200,000.

N. Y., New York—GARAGE—Gail Kennedy Realty Corp., 39 Whitewood Ave., New Rochelle, bids after Jan. 1, service garage, Jerome Ave. and 181st St. $200,000. J. P. Boyland, 305 East Kingsbridge Rd., archt. Noted Sept. 27.

N. Y., New York — HOSPITAL — Mid Town Hospital, G. A. Helme, pres., 227 East 57th St., soon takes bids general contract 6 story, brick, 309 East 99th St. $350,000. Butler, Stein & Vitalo, 56 West 45th St., archts. Noted Aug. 30.

N. Y., New York — LOFT, STORAGE, OFFICE, etc. — M. P. B. Realty Corp., M. Barkin, pres., 64 West 48th St., bids in November, 16 story, 42 West 46th St. $250,000. G. and E. Blum, 415 Lexington Ave., archts.

N. Y., New York — STORAGE, STORE and APARTMENT—Hoover Realty Corp., C. Kane, pres., 1440 Bway., plans by Goldner & Goldner, 14 West 42nd St., 6 story, 80 x 100 ft., St. Nicholas Ave. and West 174th St. $175,000.

N. Y., New York—STORE and OFFICE —Two Hundred Seventy Bway. Corp., R. E. Boling, pres., bids in December, 28 story, 50 x 242 ft., brick, steel, 74-86 Chambers St. $2,500,000. E. H. Faile Co., 441 Lexington Ave., archts. Noted Oct. 4.

N. J., Asbury Park — APARTMENT — C. E. Van Wickle, 501 Grand Ave., sketches by E. H. Schneider, Spring Lake, 11 story, basement, brick, steel, plain found., Grand and 4th Aves. $500,000.

N. J., East Orange — APARTMENT — Washington Towers, Inc., c/o M. Fisher, archt., 564 Main St., sketches 6 story, basement, brick, steel, plain found., Washington St. $400,000.

N. J., Elizabeth — Y.W.C.A., 614 Park Ave., plans by G. C. Poggi & W. B. Bragoon, 275 Morris Ave., 3 story, basement, brick, steel, plain found., Madison Ave. $150,000.

N. J., Highland Park — APARTMENT and STORE — Peoples Building Constr. Co., 218 Sanford St., New Brunswick, revised plans by H. B. Bach, 63 Schureman St., New Brunswick, 5 story, basement, brick, steel, plain found., Raritan and 5th Aves. $175,000. Former bids rejected. Noted May 17.

N. J., Jersey City—APARTMENT—A. A. Bernstein, 591 Park Ave., West New York, sketches by G. B. McIntyre, 608 Park Ave., West New York, 4 story, basement, brick, steel, plain found., Summit Ave. and Hoyne St. $150,000.

N. J., Newark — APARTMENT — South Side Building Co., 124 Vassar Ave., sketches by Kasoff & Flatt, 164 Market St., 5 story, basement, brick, steel, plain found., 302 6th Ave. $150,000.

N. J., Newark—APARTMENT—Towne Holding Co., c/o Lilien & Lilien, archts., 155 West 72nd St., New York, will not construct 5 story, basement, brick, steel, 57-63 Osbourne Terrace. $200,000. Project will probably be abandoned. Noted Sept. 27.

N. J., Newark — HOME — Three Link Temples, Inc., E. Ennis, pres., plans by M. N. Shoemaker, 15 Central Ave., 10 story, basement, brick, steel, plain found., Halsey, Washington, Hill and Court Sts. $350,000. Noted Oct. 11.

N. J., Newark — HOTEL — Ace Constr. Co., c/o Simpson & Rolston, 45 Walnut St., will not construct 10 story, basement, 50 x 84 ft., 240 Mt. Prospect Ave. $175,000. Project will probably be abandoned. Noted Sept. 27.

N. J., New Brunswick—SALES STATION — Standard Oil Development Co., Brunswick Ave., Elizabeth, soon lets general contract 1 story, 60 x 80 ft. warehouse, 2 story, 50 x 104 ft. office and garage, railroad trestle, loading rack, 3 tanks, Jersey Ave. $150,000. General Eng. Dpt., c/o owner, engr. Noted Oct. 4.

Buildings—Commercial (Continued)

N. J., Paterson—APARTMENT—Owner, c/o E. R. Cot, archt., 136 Washington St., 4 story, basement, brick, steel, plain found. $150,000.

N. J., West New York—APARTMENT—N. Sperinza & G. Betti, 147 Summit Ave., Cliffside, plans by A. De Paola, 106 18th St., 4 story, basement, 84 x 125 ft., brick, steel, plain found., 152-160 16th St. $150,000.

N. J., West New York — APARTMENT and STORE—M. Goldberg, 128 Parkview Ave., Weehawken, 5 story, basement, brick, steel, plain found., on 75 x 100 ft. site, 456 Park Ave. $150,000.

N. J., Syracuse — APARTMENT — L. Fidler, 1108 East Genesee St., plans by R. J. West, 242 West Lafayette St., Detroit, Mich., 6 story, basement, 102 x 194 ft., rein.-con., brick, steel, East Genesee St. $500,000.

Pa., Phila.—APARTMENT—Oct. 22, by H. L. Rembald, Jr., archt., 1632 Walnut St., 4 story, basement, 51 x 230 ft., and 51 x 100 ft., rein.-con., brick, steel, plain found., 2220 Venango St., for G. K. Davidyan, 33 South 19th St.

Pa., Pittsburgh — WAREHOUSE — Whitaker Paper Co., Eggleston Ave., Cincinnati, O., plans by R. T. Trimble, Ferguson Bldg., 1 story, brick, concrete warehouse. $200,000.

La., Shreveport — AUDITORIUM — See "Contracts Awarded."

O., Cleveland—APARTMENT—A. Ecker, 703 East 113th St., taking bids 3 story, basement, 84 x 111 ft., brick, Helena Ave. $150,000. I. A. Wasserstrom, Auditorium Garage Bldg., archt.

O., Cleveland — APARTMENT — H. Woronkoff, 3606 East 146th St., plans by I. Wasserstrom, 610 St. Clair Ave., 4 story, basement, brick, timber, Clifton Blvd. $150,000.

O., Cleveland—BANKING QUARTERS—Cleveland Union Terminal Co., C. L. Bradley, pres. Terminal Tower soon lets contract steel, marble in Terminal Tower Bldg. $200,000. Graham, Anderson, Probst & White, Railway Exch. Bldg., Chicago, Ill., archts.

O., Cleveland — CLUBHOUSE—Country Club, E. A. Foote, pres., Williamson Bldg., sketches by Small & Rowley, 1508 Terminal Tower Bldg., 1 story, stone, 350 ft. long, Fairmont Blvd. and Lander Rd. $350,000.

O., Cleveland—DEPARTMENT STORE—Cleveland Union Terminal Co., C. L. Bradley, pres. Terminal Tower, plans by Graham, Anderson, Probst & White, Ry. Exch. Bldg., Chicago, Ill., 14 story, basement, brick, steel, concrete, Public Square. $3,000,000.

O., Cleveland—EXCHANGE—Ohio Bell Telephone Co., R. P. Eide, genl. mgr., 750 Huron Rd., sketches by A. W. Bailey, engr. and archt., 750 Huron Rd., 2 story, basement, 110 x 150 ft., rein.-con., brick, 7247 Bway. $300,000.

O., Cleveland — GARAGE — Shaker Garage Co., c/o J. Herbold, Terminal Tower Bldg., plans by Small & Rowley, Terminal Tower Bldg., 1 story, basement, brick, steel, concrete, 80,000 sq.ft. floor space, Shaker Blvd. $200,000.

O., Cleveland — HOSPITAL — Cleveland Clinic Assn., A. Perkins, secy., East 93rd St. and Euclid Ave., soon lets contract 8 story, basement, 51 x 109 ft., brick, steel addition, East 93rd St. $350,000. Ellerbe & Co., Pittsburgh Bldg., St. Paul Minn., archts.

O., Cleveland—STORAGE WAREHOUSE—Neal Fireproof Storage Co., C. J. Neal, pres., 7208 Euclid Ave., plans by Christian, Schwarzenberg & Gaeda, engrs. and archts., 1900 Euclid Bldg., 4 or 6 story, rein.-con., brick, Lorain Ave. $150,000.

O., Rocky River (br. Cleveland) — APARTMENT HOTEL — R. A. Teshera, 19520 Frazer Dr., Cleveland. Sketches by W. S. Ferguson Co., engrs. and archts., 1900 Euclid Bldg., Cleveland, 8 story, basement, concrete, brick, steel apartment hotel. $1,000,000.

Ind., Attica—BANK—Central Natl. Bank, W. B. Schermerhorn, cashier, plans by McGuire & Shook, North Meridian St., Indianapolis, brick, steel. $150,000.

Ind., Ft. Wayne—OFFICE and BANK—Lincoln Natl. Bank & Trust Co., plans by A. M. Strauss, 415 Cal-Wayne Bldg., 22 story, basement, 85 x 150 ft., brick, steel, Count and Barry Sts. $1,000,000.

Mich., Detroit — MERCANTILE — B. Siegel Co., Woodward Ave., 6 story, 100 x 120 ft., rein.-con., brick, steel, plain found., Woodward Ave. $500,000.

Mich., Detroit—OFFICE—Hugo Scherer Estate, 440 East Jefferson Ave., sketches by A. Kahn, 1000 Marquette Bldg., 50 story, rein.-con., brick, steel, caisson found., West Adams Ave.

Mich., Detroit—OFFICE and EXCHANGE—Michigan Bell Telephone Co., 1365 Cass Ave., plans by Smith, Hinchman & Grylls, 800 Marquette Bldg., 5 story addition and 2 story top addition, rein.-con., brick, steel, plain found., Bethune Ave. $200,000.

Mich., Detroit—PUBLISHING PLANT—Detroit Saturday Night, 526 West Fort St., plans by Smith, Hinchman & Grylls, 800 Marquette Bldg., 4 story, basement, 70 x 200 ft., rein.-con., brick, stone, plain found., Jefferson Ave. $200,000.

Mich., Monroe—HOSPITAL—Sisters of St. Joseph, 25 Washington St., plans by D. A. Bohlen & Son, 1001 Majestic Bldg., Indianapolis, Ind., 3 story, basement, rein.-con., brick, steel, plain found., Hollywood Ave. $150,000.

Mich., Port Huron — EXCHANGE and OFFICE — Michigan Bell Telephone Co., Cass Ave., Detroit, plans by Smith, Hinchman, & Grylls, 800 Marquette Bldg., Detroit, 2 story, basement, rein.-con., brick, steel, plain found., 7th St. $150,000. Noted May 3.

Ill., Chicago—APARTMENT—A. I. Epton, 11 South La Salle St., plans by C. Shpargo, 11 South La Salle St., 12 story, on 75 x 150 ft. site, 1361-65 Hyde Park Blvd. $1,000,000.

Ill., Chicago — APARTMENT — P. F. Olsen, archts., 720 Cass St., soon lets contract 7 story, rein.-con., brick, 7022-38 Jeffrey Ave., for S. D. Goldberg, 6757 Jeffrey Ave.

Ill., Chicago — APARTMENT, STORE, HOTEL and GARAGE—Syndicate, c/o A. L. Himeblau, archt. ,30 North Dearborn St., 5 apartments, 3 story, 50 x 149 ft. hotel, 1 block long, 280 car capacity garage, Independence Blvd., Arthington St., Lawndale Ave. and Baltimore & Ohio, Chicago terminal right-of-way. $2,500,000.

Ill., Chicago — OFFICE and STORE — American Bankers Insurance Co., 45 East Ohio St., plans by Childs & Smith, 720 North Michigan Ave., 12 story, basement, 100 x 100 ft., steel, stone, granite, Cass and Ohio Sts. $900,000.

Ill., Chicago—OFFICE and STORE—Syndicate, c/o W. N. McChesney, 30 North La Salle St., plans by Holabird & Root, 333 North Michigan Ave., 8 or 10 story, Ohio St., North Michigan and Grand Aves.

Ill., Englewood (sta. Chicago)—RETAIL STORE—Wieboldt Stores, 1279 Milwaukee Ave., Chicago, 8 story, basement, 125 x 265 ft., West 63rd St. between Green and Peoria Sts. $2,000,000.

Ill., Oak Park—OFFICE and STORE—H. Forsythe, 140 South Dearborn St., Chicago, plans by Holabird & Root, 333 North Michigan Ave., Chicago, 4 story, basement, 80 x 120 ft., rein.-con., brick, Lake St. and Park Pl. $300,000.

Mo., St. Louis — APARTMENT — Paramount Constr. Co., 904 Chestnut St., 15 story, basement, rein.-con., brick, terra cotta, on 75 x 213 ft. site, 4440 Lindell Blvd.

Tex., El Paso — HOTEL — Hotel Knox, c/o W. L. Tooley, mgr., soon lets contract altering and constructing 6 story, brick, stone, concrete addition. $150,000. O. H. Thorman, El Paso, archt.

Tex., Houston—OFFICE—J. H. Jones, Bankers Mortgage Bldg., soon lets contract 8 story, basement, 128 x 150 ft., Main and Walker Sts. $500,000. A. C. Finn, archt., and R. J. Cummins, engr., both Bankers Mortgage Bldg.

Tex., San Antonio—APARTMENT—C. Siler, 441 South Presa St., 5 story, 45 x 115 ft., brick, rein.-con. top addition, Market and South Alamo Sts. $150,000. Engineer and architect selected soon.

Tex., San Antonio—BANK and OFFICE—Alamo Natl. Bank Building, c/o E. L. Brown, pres., 128 West Commerce St., plans by Graham, Anderson, Probst & White, 80 East Jackson Blvd., Chicago, Ill., 16 to 22 story, rein.-con., brick, steel, St. Mary's, Market and Commerce Sts. Est. $1,000,000. Noted June 7.

Tex., San Antonio—BANK and OFFICE—Groos National Bank, c/o F. Groos, pres., plans by H. T. Phelps, c/o Hicks Bldg., (1st unit) 2 story (ultimately 10 story), basement, 68 x 86 ft., rein.-con., brick, plain found., Navarro and Commerce Sts. $150,000. Total $400,000. Beretta & Stiles, c/o Natl. Bank of Commerce Bldg., engrs. Noted Aug. 9.

Tex., Taylor—HOTEL—Hotel Co., c/o J. F. Smith, Taylor, sketches by Kelwood Co., Travis Bldg., San Antonio, 10 story, basement, rein.-con., brick, plain found. $250,000.

Okla., Oklahoma City—OFFICE—J. A. Eisele, 201 West 10th St., sketches 6 story, basement, 75 x 140 ft., 1010 North Bway. To exceed $150,000.

Okla., Seminole—HOTEL—W. E. Grisso plans by P. Meeting, Okmulgee, 6 story, basement, 75 x 100 ft., brick, plain found., 2nd St. $200,000.

Calif., Delhi — PENITENTIARY — G. B. McDougal, state archt., Sacramento, sketches penitentiary for women. $1,000,000.

Calif., Fairfax—HOTEL—Western Management & Finance Co., 1st Natl. Bank Bldg., San Francisco, plans by H. C. Baumann, 251 Kearny St., San Francisco, 7 story, basement, steel, concrete, incl. club buildings and golf course. $1,250,000. L. H. Nishkian, 525 Kearny St., San Francisco, engr.

Calif., Long Beach — AUDITORIUM — City plans by J. H. McDowell, 51 East 42nd St., New York, Class "A" auditorium. $1,400,000.

Calif., Los Angeles—BANK and OFFICE—Owner, c/o H. S. Mackay, archt., Pacific Southwest Bldg., Pasadena, sketches 12 story, Class "A" bank and office building. $2,000,000.

Calif., Los Angeles—HOTEL—Owner, c/o C. K. Denman, archt., 219 Security Bldg., Hollywood, sketches 4 story, brick, stucco hotel, office and store building, West 10th St. $175,000.

Calif., Los Angeles — MERCANTILE — J. B. Green, Long Beach, 3 story, basement, 100 x 150 ft., fireproof, 5th St. and American Ave. $325,000. B. F. Tucker, 132 Pine Ave., Long Beach, archt.

Calif., Los Angeles — OFFICE — Sun Realty Co., c/o C. Beelman, archt., Union Bank Bldg., 12 story, basement, 57 x 160 ft., rein.-con., 8th and Hill Sts. $800,000.

Calif., San Francisco — OFFICE — State Hy. Dpt., Sacramento, sketches by G. B. McDougal, state archt., Sacramento, 7 story, basement steel, granite, rein.-con. addition to California State Office Building, Civic Center. $275,000.

Calif., Los Angeles — STORE and OFFICE — Sun Realty Co., I. Eisner, pres., plans by C. Beelman, 1019 Union Bank Bldg., 12 story, basement, 57 x 160 ft., rein.-con., 8th and Hill Sts. $800,000.

Calif., San Francisco—APARTMENTS—A. J. Falvey, 369 Bush St., plans by S. Heiman, 57 Post St., three 3 story, timber, stucco, Page and Stanyan Sts. $50,000 each.

Calif., San Francisco — STATE — State Building Comm., Sacramento, plans by B. G. McDougall, state archt., P. Wks. Bldg., Sacramento, 2 additional wings to state building in civic center, McAllister St. $150,000.

Calif., Santa Monica — NEWSPAPER — Santa Monica Evening Outlook plans by F. D. Rutherford, Mills-Fraser Bldg., 2 story, 100 x 150 ft., steel, store, office and newspaper plant, 4th and Bway. Sts. $150,000.

Wash., Seattle—OFFICE—Great Northern Ry. Co., J. R. W. Davis, ch. engr., St. Paul, Minn., plans by R. C. Reamer, 1301 4th Ave., 2 story, basement, 55 x 111 ft., fireproof, 4th and Union Aves. $200,000.

Ont., Toronto — APARTMENT — E. C. Bastable, 23 Martin Crescent, soon takes bids 3 story, basement, 3 units 42 x 100 ft., rein.-con., brick, steel, plain found., Eglington Ave. $200,000.

Ont., Ottawa—OFFICE—Sun Life Assurance Co., Metcalfe St., Montreal, Que., bids early in 1929, 130 x 175 ft. office building, Elgin St. $1,000,000. Engineer and architect not selected.

Ont., Ottawa — THEATRE — Famous Players Canadian Corp. Ltd., Royal Bank Bldg., Toronto, and T. W. Lamb, archt., 644 8th Ave., New York ,soon let contract brick, steel, Queens St. $750,000. Noted July 12.

Bids Desired

Mass., Boston—APARTMENT—See "Contracts Awarded."

Mass., Boston—STORE and OFFICE—H. F. Winslow, 30 State St., taking bids 9 story, basement, brick, steel, limestone, plain found., 137-141 Newbury St. $300,000. H. B. Alden, 126 State St., archt.

Mass., Brighton (sta. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Brockton—STORE and OFFICE—Oct. 20, by C. T. Olson, archt., 101 Main St., 1 and 2 story, basement, 80 x 175 ft., brick, limestone, plain found., North Main St., for Majestic Realty Trust Co., J. Alland, treas., 126 Tremont St. $150,000.

Mass., New Bedford—STORE and OFFICE—R. Fay, 33 Buttonwood St., taking bids 3 story, basement, 100 x 135 ft., brick, steel, plain found., Union and 2nd Sts. To exceed $150,000. H. Fallows, 131 Stewart St., Fall River, archt. Noted Mar. 1.

Mass., Taunton—KITCHEN—Oct. 25, by Dpt. Mental Diseases, State House, Boston, 3 story, basement, brick, plain found., at State Hospital. $150,000. Kendall, Taylor & Co., 142 Berkley St., Boston, archts. Noted July 19.

Mass., Worcester — APARTMENT — E. Rosenthall, c/o Berenson & Moses, archts., 252 Asylum St., Hartford, Conn., taking bids 4 story, 50 x 100 ft., brick, steel, Washington and Franklin Sts. $150,000. Noted Sept. 20.

N. Y., Astoria—APARTMENT—See "Contracts Awarded."

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Buildings—Commercial (Continued)

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., New York—ARMORY—Oct. 24, by Armory Bd., J. B. Trainer, secy. Municipal Bldg., general contract altering and constructing additions to 2nd Battalion, 105th Field Artillery Armory, Franklin Ave. and 166th, Bronx Boro. Noted May 12, 1927.

N. Y., New York—APARTMENT—Ninety-Eight Riverside Drive Corp., 2095 Bway., taking bids separate contracts 16 story apartment, 99 Riverside Dr. G. F. Pelham, 570 7th Ave., archt. Noted Sept. 27.

N. Y., Niagara Falls—OFFICE—J. A. Johnson, archt., Ellicott Sq., taking bids and open same about Oct. 22, 20 story, 65 x 75 ft., rein.-con., steel, 1st and Elk Aves., for Niagara Falls United Office Co. $650,000.

N. J., Bayonne — MUNICIPAL — City, W. P. Lee, clk., City Hall, bids about Nov. 1, 4 story, basement, brick ,steel, plain found., Ave. C between 27th and 28th Sts. $250,000. P. A. Vivarttas, 110 48th St., Union City, archt.

N. J., Bradley Beach—APARTMENT—See "Contracts Awarded."

N. J., Jersey City — HOTEL — P. L. Schultz, archt., 256 Summit Ave., Union City, taking bids general contract 11 story, basement, 50 x 105 ft., brick, steel, plain found., 329-33 Fairmount St., for Fairmount Hotel, c/o architect. $300,000. Noted Sept. 13.

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Newark — APARTMENT and STORE—See "Contracts Awarded."

N. J., Nutley—APARTMENT—See "Contracts Awarded."

Pa., Phila. — APARTMENT — See "Contracts Awarded."

Pa., Phila.—APARTMENT and GARAGE —See "Contracts Awarded."

Mich., Detroit — EXCHANGE — Oct. 26, by Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., 5 story side addition, 2 story top addition, rein.-con., brick, steel, plain found., Bethune St., for Michigan Bell Telephone Co., 1365 Cass Ave. $500,000.

Ill., Chicago — APARTMENT — Bogeaus Constr. Co. (general contractors), 180 North Michigan Ave., taking bids sub-contracts 20 story, basement, 75 x 134 ft., Wrightwood Ave. and Hampton Court, for B. E. Bogeaus, 180 North Michigan Ave.

Ill., Chicago — APARTMENT — Koenigsburg & Weisfeld, archts., 155 North Clark St., taking bids 8 story, basement, 56 x 174 ft., rein.-con., brick, 546 Arlington Pl., for S. Clifford & Co., 111 West Washington St. $500,000. Noted Sept. 20.

Ill., Chicago — APARTMENT — P. F. Olsen, archt., 720 Cass St., taking bids 6 story, basement, 98 x 187 ft., rein.-con., brick, plain found., 74th St. and Phillips Ave., for J. J. Cundy, 6759 Cornell Ave. $600,000.

Ill., Chicago — APARTMENT — L. F. Urbain, archt., 1254 Lake Shore Dr., taking bids 6 story, basement, rein.-con., brick, terra cotta, Ashland Ave. and Pratt Blvd., for Rogers Park Building Corp., c/o architect. F. A. Randall, 222 North Wells St., engr.

Ill., Chicago — APARTMENT — L. F. Urbain, archt., 1254 Lake Shore Dr., taking bids 11 story, English basement, rein.-con., brick, terra cotta, 5525 Hyde Park Blvd., for Syndicate, c/o architect. $500,000. F. A. Randall, 222 North Wells St., engr.

Ill., Evanston—HOSPITAL—H. J. Gaul, archt., 228 East Superior St., Chicago, taking bids 4 story, basement, 50 x 250 ft., brick, steel, hollow tile, plain found., 355 Ridge Ave., for S. Francis Hospital. $500,000. Noted Sept. 20.

Kan., St. John—COURT—Oct. 30, by V. Hahn, clk. Stafford Co., 3 story, rein.-con., brick, stone court building. $150,000. Mann & Co., 722 Rorabaugh-Wiley Bldg., Hutchinson, archts. Noted Sept. 13.

Mo., St. Louis—HOSPITAL—Oct. 22, by T. P. Barnett Co., archts., 1556 Arcade Bldg., 4 and 7 story, basement, rein.-con., brick, stone, Oakland Ave. west of Clayton Ave., for Deaconess Home & Hospital, c/o E. P. Jens, supt., 4137 West Belle Pl. $800,000.

Tex., Beaumont—Nov. 5, by T. N. Whitehurst, 2190 Orange St., chn. building com. Y. M. C. A., c/o H. Harrison, secy., 3 and 4 story, 100 x 128 ft., brick, stone, rein.-con., steel, Calder Ave. $400,000. Tisdale, Stone & Pinson, 1103 Goodhue Bldg., archts. Noted Aug. 9.

Tex., Corpus Christi—THEATRE—W. M. Marks taking bids 2 story, part basement, 60 x 150 ft., brick, steel, stone, concrete, 1,750 seating capacity. $160,000. Kelwood Co., Travis Bldg., San Antonio, archts.

Tex., El Paso—THEATRE—Dent Theatres, Inc., 2009½ Jackson St., Dallas, bids about Nov. 15, 4 story, 100 x 200 ft., brick, stone, steel, rein.-con. theatre. $450,000. W. S. Dunne, Melba Bldg., Dallas, archt. Noted Aug. 23.

Tex., New Braunfels — HOTEL — New Braunfels Hotel Co., Inc., c/o E. Fisher, taking bids 4 story, part basement, 75 x 100 ft., rein.-con., brick, plain found. $150,000. H. P. Smith, archt., and W. E. Simpson & Co., engrs., both Natl. Bank of Comerce Bldg., San Antonio. Noted Sept. 6.

Wash., Everett — THEATRE — D. F. White, archt., bids about Nov. 1, 1 story, balcony motion picture theatre, 1,400 seating capacity, for R. L. Brown & F. E. Smith, c/o architect. $200,000.

Calif., Los Angeles—APARTMENT—M. R. Hollingsworth, archt., 1308 Financial Center Bldg., taking sub-trade bids 7 story, basement, 62 x 140 ft., concrete, for M. Pixler. $250,000.

Ont., Ford City — THEATRE — S. Meretsky, 840 Ouellette Ave., Windsor, bids about Jan. 1, brick, steel, stone, Ottawa St. $200,000.

Contracts Awarded

N. H., Wilton—BANK—Wilton Natl. Bank, c/o T. M. James Co., archts., 3 Park St., Boston, Mass., 1 and 2 story, basement, rein.-con., brick, steel, plain found., to L. H. Shattuck, Inc., 208 Granite St., Manchester. Est. $150,000.

Vt., Rutland—STORE and OFFICE—C. B. Hinsman, c/o Hutchins & French, archts., 11 Beacon St., Boston, Mass., 6 story, basement, 50 x 85 ft., brick, steel, stone, plain found., Merchants Row, to C. D. Marsh Constr. Co., Woodsville, N. H. Est. $160,000.

Mass., Boston—APARTMENT—S. Perganer, 96 Beals St., Brookline, five 3 story, basement, irregular sized, brick, units, plain founds., Seavy and Brookside Sts., separate contracts. Est. exceeds $150,000. Eisenberg & Feer, 46 Cornhill, archts.

Mass., Brighton (sta. Boston)—APARTMENT—J. R. Casso, 171 Holworthy St., Cambridge, 4 story, basement, irregular sized, brick, plain found., Chester and Gardner Sts., separate contracts. $200,000.

Conn., Danbury—APARTMENT—Miller Constr. Co., 9th Ave., 3 story, brick, Deer Hill Ave. $150,000. Owner builds. Private plans.

Mass., Dorchester (Sta. Boston)—APARTMENT—R. C. Estes, 7 Cushing Ave., 5 story, brick, steel, Columbia St. Owner builds. $200,000. S. E. Moffie, 53 Cornhill, Boston, archt.

Mass., Malden (br. Boston)—APARTMENT—Malden Realty Trust, 45 Cross St., 4 story, basement, 70 x 85 ft., brick, stone, plain found., Rockland Ave., to Cushing & Weinstein, 45 Cross St. Est. $150,000.

Mass., Newton (Ind. br. Boston)—FIRE ALARM and POLICE SIGNAL HEADQUARTERS—C. C. Chadwick, comr. P. Buildings, 2 story, basement, fire alarm and police signal headquarters, Willow St. (Newton Centre), to C. H. Cunningham & Sons, 23 Central Ave., Lynn. Est. $225,000. Noted Oct. 4.

Mass., Springfield — APARTMENT — M. Bennett, 62 Osgood St., 4 story, brick, steel, High and Myrtle Sts. Owner builds. $150,000. J. W. Foster, 105 Bridge St., archt.

Mass., Springfield — APARTMENT — C. LaBelle, 14 Jenks St., 4 story, brick, Woodside Ave. Owner builds. $150,000. H. J. Tessier, 1132 Main St., archt.

N. Y., Astoria—APARTMENT—Yuban Realty Corp., 16 Court St., Brooklyn, 6 story, 59 x 164 ft., brick, timber, separate contracts. $325,000. M. Rothstein, 186 Joralemon St., Brooklyn, archt. Noted Oct. 4.

N. Y., Brooklyn—APARTMENT—Five Tennis Court Corp., 885 Flatbush Ave., 6 story, 110 x 158 ft. apartment, separate contracts. $500,000. W. T. McCarthy, 159 Remsen St., archt. Noted Sept. 27.

N. Y., Brooklyn—APARTMENT—Footwell Realty Corp., C. Freedman, pres., 26 Court St., 6 story, 67 x 80 ft., brick, timber, separate contracts. $150,000. Cohn Bros., 361 Stone Ave., archts. Noted Sept. 27.

N. Y., Brooklyn—APARTMENT—Goldfeld Building Corp., B. Goldberg, pres., 1924 West 6th St., apartment, West St. and Ave. W., separate contracts. $190,000. M. Rothstein, 186 Joraleman St., archt.

N. Y., Brooklyn—APARTMENT—Saran Building Corp., N. Jerski, pres., 530 West 113th St., New York, 6 story, 96 x 150 ft., brick, steel, Ocean Parkway and Ocean View Ave., separate contracts. $250,000. Seelig & Finkelstein, 66 Court St., archts.

N. Y., Brooklyn—APARTMENTS—Redbro Realty Corp., F. F. Feit, assistant secy., 460 East 95th St., ten 3 story, 22 x 80 ft., brick, timber, separate contracts. $200,000. P. L. Kieswetter, 16 Court St., archt. Noted Sept. 27.

N. Y., New York—APARTMENT—Ashwood Realty Corp., S. Silver, pres., 215 West 75th St., 16 story, brick, timber, 40 East 58th St., separate contracts. $1,500,000. G. F. Pelham, 570 7th Ave., archt. Noted Oct. 4.

N. Y., New York—APARTMENT—Avenue Realty Corp., c/o E. Roth, archt., 1440 Bway., 15 story, 76 x 88 ft. apartment, 130-134 East End Ave., to Gresham Constr. Co., 18 East 48th St. Est. $450,000. Noted Oct. 11.

N. Y., New York — APARTMENT — Bricken Constr. Co., 1385 Bway., 15 story, 201 x 244 ft., brick, steel, 101 East 93rd St., separate contracts. $4,500,000. Schwartz & Gross, 347 5th Ave., archts. Noted Sept. 27.

N. Y., New York—APARTMENT—Guerlain Building Corp., N. Fink, pres., 20 Northern Ave., 6 story, brick, timber, separate contracts. $200,000. G. G. Miller, 1482 Bway., archt. Noted Oct. 4.

N. Y., New York — APARTMENT — P. Herschowky, 1754 University Ave., 6 story, 87 x 175 ft., 171st St. and Wythe Pl., separate contracts. $300,000. C. Kreymborg, 2534 Marion Ave., archt.

N. Y., New York—APARTMENT—Herso Constr. Co., P. Herschowsky, pres., 1754 University Ave., 6 sotry, 87 x 175 ft., brick, timber, 172nd St. and Wythe Pl., separate contracts. $300,000. C. Kreymborg, 2534 Marion Ave., archt.

N. Y., New York—APARTMENT—Hudson Cliff Building Co., H. Kranichfeld, pres., 286 Audubon Ave., 6 story, 90 x 170 ft., brick, timber, separate contracts. $400,000. G. A. Bagge & Son, 157 East 44th St., archts. Noted Oct. 4.

N. Y., New York — APARTMENT — Mariangelo Cuscuolo, 29 West 182d St., 6 story, 90 x 100 ft., brick, timber, Davidson Ave. and 182nd St., separate contracts. $200,000. P. Lubroth, 283 East Kingsbridge Rd., archt. Noted Sept. 27.

N. Y., New York — APARTMENT — One Thousand Seven Hundred Fifty Van Buren Street Corp., M. Wurtzel, pres., 1315 Webster Ave., 6 story, brick, timber, Kingsbridge Rd. and 236th St., separate contracts. $250,000. S. Pelton, 55 West 42nd St., archt. Noted Oct. 4.

N. Y., New York—APARTMENT—Paulbro Realties, Inc., M. Heller, pres., 4197 Park Ave., 6 story, 82 x 100 ft., brick, timber, separate contracts. $200,000. Glick & Duma, 400 East Fordham Rd., archts. Noted Oct. 4.

N. Y., New York—APARTMENT—Penrose Holding Corp., F. C. Ingolia, pres., 1001 Morris Ave., brick, timber, Fowler and Van Nest Aves., separate contracts. $290,000. E. R. Kane, 1044 East Tremont Ave., archt. Noted Sept. 27.

N. Y., New York—APARTMENT—Quo Kay Building Corp., L. Katz, pres., 391 East 149th St., 6 story, 87 x 150 ft., brick, timber, Boynton and Westchester Aves., separate contracts. $280,000. G. G. Miller, 1482 Bway., archts.

N. Y., New York—APARTMENT—Rujan Realty Corp., J. Janos, pres., 349 East 149th St., 6 story, 90 x 150 ft., brick, timber, Fteley Ave. and 172nd St., separate contracts. $150,000. P. M. Oltarsh, 36 West 44th St., archt. Noted Sept. 27.

N. Y., Flushing—APARTMENT—Setlin Realty Corp., 1482 Bway., New York, 6 story, 85 x 115 ft., brick, timber, Franklin Ave. and Kissena Blvd., separate contracts. $180,000. A. H. Eccles, 76 Hoyt Ave., Astoria, archt. Noted Oct. 4.

N. Y., New York — APARTMENT — Seventy-Five Central Park West Corp., c/o contractor, 15 story, 100 x 100 ft. site, Central Park West and 67th St., to Fred T. Ley, 321 West 44th St. Est. $1,000,000.

N. Y., New York — APARTMENT — Warner Realty Corp., M. Goldstein, pres., 1636 Nelson Ave., 6 story, 78 x 93 ft., brick, timber, Inwood Ave. and 72nd St., separate contracts. $150,000. Glick & Duma, 400 East Fordham Rd., archts. Noted Oct. 4.

N. Y., New York — APARTMENTS — Grand Concourse Apartments, Inc., 332 East 149th St., 6 story, 202 x 244 ft., $850,000; 6 story, 117 x 150 ft. $350,000, 6 story, 82 x 161 ft. $300,000, all brick, timber, 196th St. and Valentine Ave., separate contracts. Noted Oct. 4.

N. Y., New York — APARTMENT and HOTEL—Sailors Snug Harbor, 262 Green St., 9 story apartment hotel, to William Kennedy, 215 Montague St., Brooklyn. Est. $1,000,000. Noted Aug. 30.

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Buildings—Commercial (Continued)

N. Y., New York — SETTLEMENT — Block & Hesse, archts., 18 East 41st St., general contract 4 story settlement house, to H. P. Wright, 207 East 43rd St., for Bronx House, Inc., H. Morgantheau, pres., 1637 Washington Ave. Est. $150,000. Noted June 28.

N. Y., New York—WAREHOUSE—New York Steam Corp., 280 Madison Ave., 9 story, 46 x 100 ft., rein.-con., foot East 36th St., to Turner Constr. Co., 420 Lexington Ave.

N. J., Asbury Park — THEATRE, CONVENTION HALL ad AMUSEMENT PIER —Bd. City Comrs., City Hall, general contract 3 and 4 story, 250 x 270 ft., brick, steel, plain found., to Turner Constr. Co., 420 Lexington Ave., New York, $1,387,000; plumbing, to John Weil Plumbing Co., 328 East 33rd St., New York, $62,000; heating and ventilating, to E. G. Woolfolk Co., 15 West 38th St., New York, $113,465; electrical work, to J. L. Goodrich, 720 Lexington Ave., New York, $135,210; elevators, to Otis Elevator Co., 11th Ave. and 26th St., New York, $14,500. Grand total $1,711,975. Noted Oct. 4.

N. J., Bradley Beach—APARTMENT—Wolfson Constr. Co., 85 2nd Ave., Long Branch, 3 story, basement, 86 x 150 ft., brick, steel, plain found., 2nd Ave., separate contracts. $150,000. S. Cohen, 134 Branford Pl., Newark, archt. Noted Oct. 11.

N. J., Hackensack — COMMUNITY CENTRE—Y.M.H.A. of Bergen Co., C. Plager, chn. Building Comn., 211 Essex St., general contract 3 story, basement, 90 x 130 ft., brick, steel, plain found., to A. A. LaFountain, Inc., Beech St. Est. $150,000. Noted Apr. 19.

N. J., Newark—APARTMENT—Composite Constr. Co., 60 Park Pl., 4 story, basement, 90 x 115 ft., brick, stone, steel, plain found., 720 Sanford St., separate contracts. $150,000. R. Bottelli, 45 Branford Pl., archts.

N. J., Newark — APARTMENT and STORE—Tenro Development, Inc., 147 Market St., 5 story, basement, 100 x 134 ft., brick, steel, separate contracts. $250,000. H. F. Clark, 38 Clinton St., archt. Noted Sept. 27.

N. J., Nutley—APARTMENT—N. P. Maria, 357 Clifton Ove., Newark, 3 story, basement, 115 x 115 ft., brick, steel, plain found., 335-37 Park Ave., own forces. $150,000. Noted

Pa., Harrisburg—TEMPLE—Zembo Temple, Nobles of Mystic Shrine, Chestnut St., general contract 1 and 2 story, 167 x 329 ft., stone, concrete found., 3rd and Division Sts., to C. W. Strayer, Front St., $529,000. Noted Sept. 20. Electrical work, to C. M. Davis & Son, $21,207; heating and ventilating apparatus, to Herre Bros., Harrisburg, $9,057.

Pa., Phila. — APARTMENT — Beebee Constr. Co., c/o Brown Bros., Fox Bldg., 4 story, basement, 60 x 100 ft., brick, steel, plain found., 13th and Nedro Sts., separate contracts. $200,000. Thalheimer & Weitz, 10 South 18th St., archts.

Pa., Phila. — APARTMENT — John J. Loughran & Sons, Inc., 16th and Grange Sts., 4 story, basement, 85.5 x 330 ft., rein.-con., brick, steel, plain found., Clearview and 15th Sts., separate contracts. $700,000. K. T. Otto, 1828 Arch St., archt.

Pa., Phila.—APARTMENT and GARAGE —M. Kirschner, Vernon Rd. and Milton St., 4 story, basement, irregular shaped, rein.-con., brick, steel, plain found., Tulpehocken and Wayne Aves., separate contracts. $400,000. J. E. Fieldstein, Otis Bldg., archt.

Pa., Phila.—STORE and OFFICE—R. E. White, archt., Penna. Bldg., 2 story, basement, 100 x 225 ft., rein.-con., brick, steel, plain found., to D. Lutz, 23rd and Chestnut Sts., for E. M. Harris, Mutual Trust Bldg. Est. $300,000. Noted Sept. 20.

Md., Sykesville — INFIRMARY — H. P. Hopkins, archt., 347 North Charles St., general contract 2 story, 98 x 120 ft., rein.-con., brick, cut stone, to Davis Constr. Co., 9 West Chase St., Baltimore, for Springfield State Hospital. $97,850. Noted Sept. 27.

La., Shreveport — AUDITORIUM — L. E. Thomas, mayor, general contract 2 story, basement, 128 x 212 ft., rein.-con., brick, steel, Grand Ave. and Renold St., to Glassell-Wilson Co., Inc., 919 Texas St., $462,605; electrical work, to Cahn Electric Co., 826 Baronne St., New Orleans, $27,050. Rejected bids plumbing, heating, ventilating. Will readvertise.

O., Cleveland—APARTMENT HOTEL—Owners Investment Co., c/o W. J. Austin, 16 story, brick, steel, concrete, South 105th St. and Carnegie Ave., to Austin Co., 16112 Euclid Ave. Est. $1,000,000.

O., Cleveland — WAREHOUSE — W. S. Tyler Co., G. Zimmerman, secy., 3600 Superior Ave., 5 and 7 story, 66 x 97 x 123 ft., rein.-con., brick addition, East 36th St., to John Gill & Sons, Bulkley Bldg. Est. $350,000. Noted Sept. 20.

Ind., Ft. Wayne — ARMORY — Indiana Natl. Guard, State House, Indianapolis, rein.-con., brick, stone, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis. Est. $150,000.

Ind., Muncie—HOSPITAL and NURSES HOME — Muncie Home Hospital, general contract 4 story, basement, 60 x 200 ft., brick, steel, stone, to A. J. Glaser, 610 South Jefferson St. Est. $250,000. Noted Sept. 6.

Mich., Detroit — APARTMENT — Dunitz Bros., 1336 Dime Bank Bldg., 4 story, basement, 45 x 98 ft., concrete, brick, steel, stone, plain found., Euclid Ave. $150,000. Owner builds. Wiedmaier & Gay, 37 East Grand River Ave., archts.

Mich., Detroit—APARTMENT—B. Goldberg, 1210 Penobscot Bldg., 4 story, basement, 90 x 100 ft., concrete, brick, steel, plain found., Woodrow Wilson Ave., to Fullerton Constr. Co., Industrial Bank Bldg. Est. $200,000.

Mich., Detroit—HOTEL—S. Plotkin, 604 Lafayette Bldg., 4 story, basement, 48 x 150 ft., brick, steel, limestone, plain found., West Grand Blvd. $200,000. Owner builds. M. A. Finkel, 1333 Book Bldg., archt.

Ill., Chicago — APARTMENT — Lowenberg & Lowenberg, archts., 111 West Monroe St., masonry and carpentry contracts 3 story, English basement, 125 x 264 ft., to Ericksen-Christianson Co., 6437 South Park Ave.; plumbing, to J. Schiller & Co., 1512 West Roosevelt Rd.; heating, to E. Stevenson & Co., 6140 South Western Ave., for G. S. Lurie, 178 West Jackson Blvd. Est. $500,000. Noted July 26.

Ill., Chicago—APARTMENT—B. L. Steif & Co., archt., 307 North Michigan Ave., masonry, concrete and tile partition, contract 20 story, basement, 65 x 116 ft., brick, steel, to C. E. Erickson & Co., 4753 Bway.; 600 tons reinforcing bars, to Calumet Steel Co., 208 South La Salle St. Est. $1,500,000. Noted Sept. 20.

Mo., St. Louis — STORE and APARTMENT — Owner, c/o L. F. Abrams, archt., 1123 Chemical Bldg., 3 story, basement, 50 x 126 ft., rein.-con., brick, terra cotta, Hodiamont and Easton Sts., to Sol Abrahams & Son, 1123 Chemical Bldg.

Tex., Beaumont—PUBLISHING PLANT —Beaumont Enterprise & Journal, 441 Mulberry St., and J. Maples, Beaumont, general contract 3 story, 60 x 124 ft., brick, steel, cast stone, to Christi-Doph Constr. Co., Constr.—Ind. Bldg., Dallas. Noted Sept. 13.

Tex., Pampa—COURTHCUSE—Gray Co., c/o T. M. Wolfe, judge, 4 story, 86 x 120 ft., rein.-con., brick, steel, to H. L. Case, Pampa, $213,000. Noted Sept. 13.

Okla., Tulsa — APARTMENT — Hurley Park Investment Co., Tuloma Bldg., 9 story, basement, 100 x 140 ft., rein.-con., brick, plain found., Main St., to R. R. Parks, c/o owner. Est. $500,000.

Wash., Seattle—GARAGE and SALES—C. O. Radford, Natl. Bank of Commerce Bldg., 2 story, basement, 24 x 120 ft., masonry garage and auto sales building, to Howard S. Wright & Son, 2410 1st Ave., $155,000.

Wash., Seattle—HOSPITAL—Dawnland Inn, c/o V. W. Vorhees, archt., Lloyd Bldg., (1st unit) 6 story, basement, 43 x 120 ft. fireproof, to Hans Pederson, 1105 2nd Ave., $230,000. Noted Sept. 27.

Calif., Long Beach—STORE and OFFICE —Long Beach Professional Bldg. Corp., 8 story, 150 x 150 ft., brick, stone, steel, 8th St. and Pine Ave., to W. D. Lee, 704 Textile Center Bldg., Los Angeles, $400,000.

Calif., Long Beach — STORE and OFFICE — W. L. Portfield, 5 to 9 story, basement, rein.-con., cast stone, Ocean Blvd. and Pine St., to Meyer & Holler, Wright-Callendar Bldg., Los Angeles. Est. $600,000.

Calif., Los Angeles — APARTMENT — J. H. Layton, 780 East 37th St., 7 story, basement, 93 x 118 ft., rein.-con., stone, steel, Carondelet St. and Ocean View Ave., to Capital Building Co., 20 East 4th St., $275,000.

Calif., Los Angeles — APARTMENT — C. E. Malin, 724½ Sweetzer St., 5 story, basement, 83 x 166 ft., brick, stone, 1639 Alexandria Ave., to Arthur Bard Co., 315 West 9th St., $175,000.

Calif., Los Angeles — CLUBHOUSE — Pacific Electric R.R. Co., South Los Angeles St., 5 story, basement, 50 x 150 ft., marble tile, rein.-con., incl. ballroom, swimming pool, gymnasium, South Los Angeles St. between 6th and 7th Sts., to P. J. Walker Co., W. M. Garland Bldg., $300,000. Noted Oct. 4.

Ont., Guelph — MAUSOLEUM — Canada Mausoleums Ltd., Metropolitan Bldg., Toronto, 50 x 117 ft., stone, marble, bronze, 330 crypts, Union Cemetery. $150,000. Owner builds. Cameron & Ralston, Bartlett Bldg., Windsor, archts.

Ont., Niagara Falls—HOTEL—Hennepin Hotel Co. Ltd., 7 story, basement, 73 x 155 ft., rein.-con., brick, steel, plain found., River Rd. and Queen St., to J. W. Butler Co. Ltd., Royal Bank Bldg., Toronto. Est. $750,000.

Ont., St. Catharines—Y. M. C. A., W. W. Park, chn. building com., new building, to W. H. Cooper, 6 Hughson St. N., Hamilton, $300,000. Noted June 14.

Ont., Toronto—APARTMENT—Balmoral Apartments Ltd., c/o Wilkie & Delamere, 302 Bay St., general contract 6 story, basement, 76 x 118 ft., rein.-con., brick, steel, tile, terrazo, to DeJonckheere Constr. Co. Ltd., 1207 Bay St. Est. $400,000. Noted Mar. 22.

Ont., Toronto—HOTEL—Hotel Toronto Ltd., c/o N. A. Armstrong Co., Ltd., archts., 7 King St. E., general contract 18 story, basement, 50 x 100 ft., concrete, brick, steel, stone, to W. H. Yates Constr. Co. Ltd., 95 King St. E. Est. $1,800,000. Noted July 19.

Ont., Toronto—OFFICE—F. H. Wilkes, archt., 96 Bloor St. W., general contract 17 story, basement, 98 x 220 ft., brick, steel, limestone, to Anglin Norcross Ltd., Temple Bldg.; excavation, to G. L. Campbell & Co., 88 Bway. Ave., for Canada Permanent Mortgage Corp., 14 Toronto St. Est. $1,500,000. Noted Aug. 30.

Buildings—Educational, Religious

Proposed Work

Mass., Boston—CHURCH—St. Michael's Church, c/o R. T. Jackson, archt., 44 School St., sketches 1 story, basement church. $150,000 or more.

Mass., Plymouth — HIGH SCHOOL — Town, T. O. Bodell, supt. schools, plans by F. I. Cooper Corp., 172 Tremont St., Boston, and soon takes bids Senior and Junior High School, 2 story ,basement, brick, stone, plain found., Lincoln St. $250,000. Noted Dec. 22.

Mass., Roxbury (sta. Boston)—NURSES' HOME and CHILDRENS—New England Hospital for Women & Children, D. Hotton, pres., Bd. Trustees, The Beaconfield, Brookline, raising $400,000 funds, brick addition, Dimock St. Kendall, Taylor & Co., 142 Berkley St., Boston, archts.

Mass., Worcester—HOME—St. Francis Aid Society, J. H. Fontaine, soon lets contract 4 story, 80 x 125 ft., brick, steel, Thorne St. $200,000. O. E. Nault, 48 Hamilton St., archt. Noted Oct. 11.

R. I., Cranston—SCHOOL—City plans by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story, basement, 16 room, brick, plain found., Gansett Ave. $150,000 or more.

N. Y., Brooklyn — NURSES HOME — Brooklyn Nurses Home Assn., c/o E. G. Prince, 64 Avondale Ave., Valley Stream, bids after Jan. 1, 8 story, Washington and Greene Aves. $800,000. Turner & Bowden, 19 West 44th St., New York, archts. Noted May 31.

N. J., Hackensack — CHURCH — First Presbyterian Church, C. R. Kuebler, pastor, 280 Park St., 2 story, basement, brick, plain found., on 165 x 200 ft. site, Passaic and Union Sts. $200,000. Engineer and architect not selected.

Del., Milford — HIGH SCHOOL — Bd. Educ. Delaware School Foundation, A. J. Taylor, vice-pres., Du Pont Bldg., Wilmington, sketches by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., Junior and Senior High School, 2 story, basement, brick, steel, plain found. $150,000.

Del., New Castle—HIGH SCHOOL—Bd. Educ., Delaware School Foundation A. J. Taylor, vice pres., Du Pont Bldg., Wilmington, sketches by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., Junior and Senior High School, 2 story, basement, brick, steel, plain found. $250,000.

La., Scott—SCHOOL—Lafayette Parish School Bd., plans by W. T. Nolan, Canal Bank Bldg., New Orleans, 2 story, rein.-con., brick, rein.-con. found. $150,000.

O., Cleveland—CHURCH and SUNDAY SCHOOL—Cleveland Baptist Assn., c/o D. R. Sharp, secy., plans by A. G. Simon, Hippodrome Bldg., 1 story, 71 x 132 ft., brick, steel, Natchez Ave. $150,000.

Mich., Ann Arbor — DORMITORY — Bd. Regents University of Michigan plans by Malcolmson & Higginbotham, 1219 Griswold St., 5 story, basement, rein.-con., brick, steel, stone, plain found., Observatory St. $800,000.

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Buildings—Educational, Religious (Cont.)

Mich., Detroit — COMMUNITY — Baptist Union, H. C. Gleiss, supt., 1318 Russell St., plans by Amer. Baptist Home Mission Society, New York, 3 story, basement, rein.-con., brick, steel, plain found., Russell St. $200,000.

Mich., Detroit—SYNAGOGUE—Congregation Beth Tephila, J. Eisenman, rabbi, 2530 Philadelphia Ave., 2 story, basement, concrete, brick, steel, stone, plain found., 14th Ave. $175,000.

Mich., Grand Rapids—CHURCH—Bethlehem Lutheran Church revised plans by Colton & Knecht, Grand Rapids Natl. Bank Bldg., Prospect St. Noted Sept. 20.

Ill., Champaign — CHURCH — McKinley Foundation Congregation plans by Holmes & Flynn, 6 South Dearborn St., Chicago, 2 story, brick, 400 East Daniel St. $200,000.

Tex., Austin—AUDITORIUM and GYMNASIUM—University of Texas, c/o Bd. Regents, H. J. L. Stark, chn., sketches by H. M. Greene, La Roche & Dahl, 307 Const. Inds. Bldg., Dallas, auditorium and gymnasium, campus grounds. $600,000.

Tex., Beaumont—HIGH SCHOOL—Bd. Educ., c/o M. E. Moore, pres., Weiss Bldg., soon takes bids 3 story, 164 x 323 ft., brick, hollow tile, stone, steel, incl. 1 story, 89 x 107 ft. gymnasium. $900,000. F. W. Steinman & Son, 410 San Jacinto Life Bldg., archts. Noted June 28.

Tex., Houston—CHURCH and EDUCATIONAL—St. Paul's Methodist Church, c/o W. W. Fondren, chn. building com., 3410 Montrose Blvd., revised plans by A. C. Finn, 505 Bankers Mortgage Bldg., 1 story, 81 x 179 ft. church, and 3 story, 88 x 129 ft. sunday school building, rein.-con., brick, stone, steel, concrete founds., Main Blvd. between Binz and Calumet Sts. $500,000. Former bids rejected. Noted Aug. 30.

Tex., Waco—DORMITORY—Baylor University, c/o S. P. Brooks, pres., plans by B. D. Easterwood, 614 Liberty Bank Bldg., brick, stone, rein.-con. memorial dormitory for women, campus. $350,000. H. L. Spicer, Amicable Bldg., structural engr.

Okla., Tulsa — LIBRARY and PETROLEUM — Tulsa University 7th and College Sts., sketches library and petroleum buildings. $150,000 each. Engineer and architect not selected.

Ore., Mt. Angel—COLLEGE—Mt. Angel College, B. Murphy, pres., rebuilding college, recently destroyed by fire. $150,000.

Calif., Berkeley—MUSEUM and AUDITORIUM—Regents University of California, fireproof museum and auditorium, on University Campus. $1,000,000.

Calif., Fullerton — HIGH SCHOOL and AUDITORIUM — Fullerton Union High School Dist. plans by C. M. Winslow, 1001 Architect Bldg., Los Angeles, stucco, clay, steel, Harvard Ave. and Chapman St. $200,000.

Calif., Los Angeles — CHURCH — First Congregational Church, 845 South Hope St., plans by Allison & Allison, 1005 Hibernian Bldg., Church and Sunday School, 6th St. and Commonwealth Ave. $750,000. Noted June 9, 1927.

Calif., Los Angeles — HOME — Hebrew Sheltering Home for Aged Assn. plans by M. Hunt, 1107 Hibernian Bldg., 4 story, rein.-con., 325 South Boyle Ave. $200,000.

Calif., Ontario — SCHOOLS — Chaffey Union High School Dist., sketches by Allison & Allison, Hibernian Bldg., Los Angeles, schools. Bonds to exceed $500,000 to be voted on soon for same.

Calif., San Francisco—MUSEUM—Trustees M. H. DeYoung Memorial Museum, Golden Gate Park, plans by F. H. Meyer, 742 Market St., 2 story, steel, concrete addition. $150,000.

Ont., Ottawa — CHURCH — Ottawa Catholic Church, 143 St., Patrick St., J. O. Dowd, Old Chelsea, pastor, soon takes bids new church, Metcalfe St. $175,000.

Ont., Ottawa—HIGH SCHOOL—Grey Sisters of Immaculate Conception, Pembroke, new girls high school, Bronson Ave. $300,000. Engineer and architect not selected.

Ont., Toronto — CHURCH — Metropolitan United Church, Queen and Church Sts., plans by J. Gibb Morton, 61 Dixon Ave., 1 story, basement, 68 x 168 ft., brick, steel, plain found., Queen St. E. $250,000. Noted Apr. 19.

Ont., Toronto — COLLEGE — Mathers & Haldenby, archts., 96 Bloor St. W., soon take bids 3 story, basement, 65 x 140 ft., concrete, brick, stone, steel, Spadina Rd., for Toronto Bible College, 110 College St. $150,000.

Ont., Toronto — COMMUNITY — Metropolitan United Church, Church and Queen Sts., plans by J. G. Morton, 61 Dixon Ave., 1 and 2 story, basement, brick, stone, concrete found. $150,000.

Bids Desired

Me., Waterford — CHURCH and COMMUNITY HOUSE — First Parish Church,

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A. C. Townsend, pastor, taking bids 2 story, basement, brick, timber, plain found. To exceed $150,000. J. C. and J. H. Stevens, 477 Congress St., Portland, archts.

Mass., Brookline (br. Boston)—SCHOOL—Dexter School, F. J. Bradlee, Jr., treas., 35 Congress St., Boston, taking bids 2 story, basement, 45 x 165 ft., brick, stone, plain found., 169 Freeman St. $150,000. Perry Shaw & Hepburn, 177 State St., Boston, archts. French & Hubbard, 210 South St., Boston, engrs.

N. Y., Carmel — HIGH SCHOOL — Bd. Educ. bids about Nov. 10, Commercial High School. $200,000. Knapp & Morris, 171 Madison Ave., New York, archts.

N. Y., Coney Island (Sta. Brooklyn) — HIGH SCHOOL—Nov. 13, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Abraham Lincoln High School, Ocean Parkway and West Ave. Noted Dec. 1 under "Brooklyn."

N. Y., New York—SCHOOL—Oct. 23, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 92, Clinton and Crotona Aves., East 178th and East 179th Sts., for Bd. Educ., 500 Park Ave. Noted July 26.

N. J., East Orange—CHURCH—Oct. 22, by Holy Name of Jesus Parish, E. A. Deegen, pastor, 1 story, 75 x 160 ft., limestone, marble, artificial stone, Midland and Todd Sts. $300,000. Maginnis & Walsh, Statler Bldg., Boston, Mass., archts.

Pa., Greensburg — GYMNASIUM—Seton Hill College taking bids and open same about Oct. 22, 3 story, basement, 70 x 150 ft., brick, steel. $150,000. C. G. Strong, Keystone Bldg., Pittsburgh, archt. Noted Oct. 11.

Pa., State College—DORMITORY—Oct. 23, by Pennsylvania State College, R. I. Webbs, supt., 3 story, basement, brick, steel dormitory. $200,000. C. Z. Klauder, 1439 Walnut St., Phila., archt.

Ill., Chicago — DORMITORIES — H. J. Gaul, archt., 228 East Superior St., bids about Oct. 25, two 2 story, 50 x 120 ft., brick, 2001 Devon Ave., for Angel Guardian Orphanage, 2001 Devon Ave. $250,000.

Neb., Clay Center — HIGH SCHOOL — Oct. 25, by Bd. Educ. Dist. 70, H. A. Swanson, secy., Senior High School, 2 story, basement, 62 x 101 ft., brick, concrete. A. D. Baker, Clinic Bldg., Grand Island, archt.

Ore., Portland — HIGH SCHOOL — School Bd. Dist. 1, bids about Nov. 15, High School of Commerce, 3 story, basement, 80 x 100 ft., rein.-con., timber, plain found. $700,000. G. H. Jones, city archt. Noted Sept. 6.

Calif., Oakland—HIGH SCHOOL—Oct. 30, by Bd. Educ., 3 story, rein.-con., 18th and Market Sts. $250,000. J. I. Easterly, 2137 Tiffen Rd., archt. Noted June 21.

Contracts Awarded

Me., Portland—SCHOOL—School Bd., 2 story, basement, 60 x 145 ft., rein.-con., brick, plain found., to R. Kennedy Co., Middle St. Est. $150,000. Noted Oct. 4.

Mass., Newton (Ind. br. Boston) — SCHOOL—City, C. G. Chadwick, P. Buildings comr., City Hall, 3 story, basement, brick, stone, plain found., to Phandor Co., 18 Tremont St., Boston. Est. $200,000. Noted Sept. 13.

Mass., West Springfield (br. Springfield) —CHURCH—C. C. Coveney, archt., 184 Boylston St., Boston, 1 story, basement, brick, stone, plain found., to J. G. Roy & Sons, 21 Silver St., Springfield, for Church of Good Shepherd. $150,000. Noted Sept. 13.

N. Y., Brooklyn — COMMUNITY — Beth El Ohlm, c/o D. Levy, archt., 110 East 42nd St., New York, 4 story, 105 x 112 ft., brick, stone, Garfield Pl. and 8th Ave., to W. Kennedy Co., 215 Montague St. Est. $500,000. Noted July 26.

N. Y., New York—HIGH SCHOOL—Bd. Educ., 500 Park Ave., general contract Evander Childs High School, to J. T. Brady & Co., 103 Park Ave., $2,320,000; heating, to Almirall & Co., 53 Park Pl., $299,390; electrical work, to Fischback & Moore, Inc., 226 East 41st St., $84,849; plumbing, to J. E. Kahn, 224 West 20th St., $152,907. Grand total $2,857,146. Noted Oct. 4.

N. Y., New York—SCHOOL—Bd. Educ., 500 Park Ave., general contract P. S. 96, Waring Ave., to C. & W. Constr. Co., 400 East Fordham Rd., $501,340; plumbing, to Wells & Newton, 250 West 27th St., $28,995. Noted Sept. 27.

N. J., Glen Ridge—SCHOOL—Bd. Educ., 235 Ridgewood Ave., general contract 2 story, basement, 114 x 135 ft., brick, steel, plain found., Forrest Ave. and Glen Ridge Parkway, to E. M. Waldron, Inc., 60 Park Pl., Newark, $136,400. Noted Oct. 11.

N. J., Grantwood—PAROCHIAL SCHOOL—Epiphany Church, A. J. Ferretti, pastor, 22 Knox Ave., general contract 2 story, basement, brick, steel, plain found., Knox and Lafayette Aves., to Herring Bros., 23[illegible] 31st St., Woodcliff. Est. $150,000.

N. J., Neptune (br. Asbury Park) — SCHOOL — Bd. Educ., South Main St., general contract 2 story, basement, 110 x 248 ft., brick, steel, plain found., to J. Sutherland, Inc., 133 South 15th St., Newark, $119,990. Noted Sept. 6.

N. J., New Milford — HIGH SCHOOL — Bd. Educ., Washington School, general contract 3 story, basement, brick, steel, plain found., to M. Millimet, 988 Bergenline Ave., Union City, $237,200; heating, to Johnston Heating Co., 332 East 47th St., New York, $36,415. Noted Oct. 11.

N. J., Pleasantville — SCHOOL — Bd. Educ., general contract 3 story, basement, 145 x 220 ft., brick, steel, plain found., Franklin Blvd., to A. B. Bowen, 1 South Delancey Pl., Atlantic City. Est. $650,000. Noted Sept. 20.

N. J., Red Bank — CHURCH — Calvary Baptist Church, general contract 2 story, basement, brick, steel, plain found., to W. B. Scott, Front St. Est. $150,000.

Pa. Sewickley — ACADEMY,— Sewickley Academy, Sewickley, and W. G. Eckles Co., archts., Lawrence Bd. of Trade Bldg., New Castle, general contract 3 story, basement, brick, stone, steel, to H. Wimer, Butler. Est. $300,000. Noted Sept. 27.

Miss., Alcorn—COLLEGE, etc.—Mississippi State Building Comn., W. C. Trotter, secy., Jackson, general contract, plumbing and lighting science, administration, girls dormitory and teachers cottages, at Alcorn Agricultural & Mechanical College, to W. J. McGee & Son, Jackson, $186,347; waterworks, to A. B. Hayden, Pass Christian, $24,429; wiring, to Thompson Electrical Co., 65 South 3rd St., Memphis, Tenn., $2,770; sewers, to H. M. Middleton, Hammond, La., $4,647; roads, to Boddie Constr. Co., Laurel, $11,996. Grand total $230,159. Noted Sept. 13.

O., St. Bernard—SCHOOL—J. F. Shebleissy, archt., 1202 Republic St., Cincinnati, 3 story, basement, rein.-con., brick, Main Ave., to M. J. Roche Constr. Co., 606 Southern Bank Bldg., for Order of St. Francis, 4536 Carthage Park. $500,000.

Ind., Eminence — SCHOOL — School Comrs., general contract 2 story, basement, brick, steel, to Pruitt & Master, Greencastle, plumbing and heating, to S. Wade, Mooresville; electrical work, to Madison Supply Co., Madison. Est. $150,000.

Mich., Detroit — CHURCH — Van Leyen, Schilling & Keough, archts., 3440 Cass Ave., 1 story, basement, 65 x 180 ft., brick, steel, plain found., for St. Gregorys Church, 15082 Dexter Blvd., to Corrick Bros., 507 Owen Building. Est. $150,000. Noted Aug. 30.

Mich., Muskegon — CHURCH — Central Methodist Episcopal Church, church, Muskegon St., to G. Lather Co., Muskegon. Noted Aug. 23.

Mich., Saginaw—SCHOOL—G. McClure, pres. Bd. Educ., Manual Training Bldg., general contract 2 story, basement, 122 x 156 ft., rein.-con., brick, steel, stone, plain found., to Weber Constr. Co., 514 Crapo Bldg., Bay City. Est. $166,000. Noted Oct. 4.

Mo., Florissant—SCHOOL—St. Louis Co. Day School, R. Thompson, headmaster, 2 story, basement, 76 x 139 ft., rein.-con., brick, stone addition, Brown Rd. north of Natural Bridge Rd., near Kinlock Park, to Woermann Constr. Co., Syndicate Trust Bldg., St. Louis.

Mo., St. Louis—CHURCH—Evangelical Lutheran Church of Messiah, C. Wehking, chn. building com., 2 story, basement, 80 x 114 ft., rein.-con., brick, stone, Grand and Pestalozzi Sts., to Kellerman Contg. Co., 421 Victoria Bldg.

Wash., Seattle — CHURCH — St. Marks Church (1st unit) 2 story, basement, 275 x 520 ft., stone, 1200 10th Ave. N., to Henry & McFee, Northern Life Bldg. $500,000. Total $2,000,000.

Ont., Windsor—HIGH SCHOOL—T. R. Noble, secy. Bd. Educ., City Hall, 2 and 3 story, basement, incl. 20 class rooms, gymnasium, auditorium, chemistry and physics laboratories, to G. H. Emery Co., Dowler Bldg., $413,555; heating and ventilating, to Drake Avery Co., Provincial Bank Bldg., $84,097; plumbing, to J. L'Heureux, 53 Wyandotte St. E., $40,340; electrical work, to G. S. Whelpton, 856 Hall Ave., $32,657. Grand total $570,649. Noted Sept. 13.

Federal Government Work

Proposed Work

Mass., Camp Devens (br. Boston)—BARRACKS and HOSPITAL — Constructing Quartermaster recalled bids to have been

Federal Government Work (Cont.)

opened Oct. 15, battalion barrack and post office. Noted Sept. 20.

Pa., Sharpsburg—POOL, WALKS, etc.—U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., rejected bids Oct. 2, pool, walks, steps, at U. S. Veteran's Hospital. Noted Oct. 11.

D. C., Wash.—LIBRARY—U. S. Government, bids within 5 or 6 weeks 3 story, granite addition to Library of Congress. Noted July 26.

Mississippi — DREDGING — U. S. Engineer Office, Mobile, Ala., rejected bids Sept. 26, dredging in Pascagoula River and Mississippi Sound Channels. Work to be done by Government Plant. Noted Sept. 20.

La., New Orleans—DREDGING—U. S. Engineer Office, rejected bids Sept. 4, dredging in Little Caillou Bayou. Work to be done by Government Plant. Noted Sept. 13.

Ill., Rock Island—BARGES—U. S. Engineer Office rejected bids Aug. 29, twenty fuel barges. Noted Aug. 9.

Bids Desired

N. J., Picatinny Arsenal (mail Dover)—ADMINISTRATION, etc. — Nov. 7 (extended date) by Constructing Quartermaster, constructing 38 buildings, incl. administration building, 13 buildings in Laboratory Area, 23 buildings in Melt Loading Area, 3 buildings in Shop Area; adv. E. N.-R. Oct. 18. Noted Oct. 4.

Md., Annapolis — COAL BUNKER — Spec. 5756 — Oct. 24, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., concrete coal bunker. Noted Oct. 11.

Va., Yorktown — FIRE ALARM CIRCUITS — Spec. 5379 — Oct. 31, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., fire alarm circuits at Navy Mine Depot.

Mississippi—CURRENT RETARDS—Nov. 2, by U. S. Engineer Office, Memphis, Tenn., in Mississippi River, at Trotters Bend, 3 mi. above Helena, Ark.; adv. E. N.-R. Oct. 18.

Miss., Corinth—EXTENSION—Nov. 16, by Treas. Dpt. at office Supervising Archt., Wash., D. C., extending U. S. Post Office; adv. E. N.-R. Oct. 18.

Miss., Gulfport—QUARTERS—Nov. 8, by U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., constructing officers quarters at U. S. Veteran's Hospital.

Mich., Wyandotte — POST OFFICE — Nov. 12, by Treas. Dpt., at office Supervising Archt., Wash., D. C., post office. J. A. Wetmore, acting superv. archt.

Ill., Rock Island—BARGE—Oct. 25, by Lighthouse Superintendent, steel supply barge for lighthouse tender Wakerobin.

N. M., Santa Fe—EXTENSION—Nov. 23, by Treas. Dpt., at office Supervising Archt., Wash., D. C., extending and remodeling at U. S. Court House.

Bids Received

N. Y., Elizabeth—POST OFFICE—Treas. Dpt., Oct. 5, at office Supervising Arcnt., Wash., D. C., remodeling, extending U. S. Post Office, from Agostini Bros. Co., Norfolk, Va., $139,060, add. $30,680. Noted Sept. 13.

N. Y., Ogdensburg—CHANGES—Treas. Dpt. at office Supervising Archt., Wash., D. C., changes in 2nd story U. S. Post Office, from English Constr. Co., 1311 H St. N. W., Wash., D. C., $2,300. Noted Sept. 13.

D. C., Wash. — NURSES HOME — Constructing Quartermaster, Army Medical Center, Oct. 5, nurses quarters, from G. E. Wynne, 2525 Penna. Ave. N. W., Wash., D. C., $433,300. Noted Sept. 13.

D. C., Wash. — ROADS — Constructing Quartermaster, Army Medical Center, Oct. 9, road, parking area, sidewalks, drainage system, sanitary sewer and water connections at Army Medical Center, from Maloney Paving Co., 3817 Alton Pl. N. W., $9,973. Noted Oct. 4.

Va., Norfolk — CONCRETE ROADS — Spec. 5665 — Bureau Yards & Docks, Navy Dpt., Wash., D. C., Oct. 10, at Naval Hospital, from E. P. Lindsay, Portsmouth, $8,343. Noted Oct. 4.

Tenn., Memphis—POST OFFICE—Treas. Dpt., at office Supervising Archt., Wash., D. C., Oct. 9, 1 story addition, from Devault & Deitrick, Canton, O., $121,999. Noted Sept. 13.

Contracts Awarded

Conn., Norwalk—DREDGING—U. S. Engineer Office, Providence, R. I., dredging in Norwalk Harbor, to Arundel Corp., 2 Pratt St., Baltimore, Md., $56,166. Noted Sept. 6.

Pa., Pittsburgh—LOCK GATES—U. S. Engineer Office, one upper and one lower lock gates at Deadman Island Dam, Ohio River, to Dravo Contg. Co., Dravo Bldg., 302 Penn Ave., $102,563. Noted Sept. 13.

D. C., Wash.—MARINE ENGINE—Commissioner Fisheries, Dpt. Commerce, 150 hp. full diesel marine engine, to Bessemer Gas Engine Co., Grove City, Pa., $10,980. Noted Sept. 27.

D. C., Wash.—FOUNDATIONS—Treas. Dpt. at office Supervising Archt., Wash., D. C., foundations for Dpt. Commerce Building, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, Md., $1,159,700. Noted Oct. 4.

Minn., Hastings—LOCK and DAM—U. S. Engineer Office, Arcade Bldg., St. Paul, lock and dam in Mississippi River, near here, to Fegles Constr. Co., 529 South 7th St., Minneapolis, $1,695,819. Noted Oct. 4.

Unclassified

Proposed Work

PIER, etc. — **Marion, Mass.** — Tabor Academy pile, timber pier, marine railway and rock excav. in Sippican Harbor. $25,000. Private plans.

TRAFFIC SIGNAL SYSTEM — **Union City, N. J.** — Bd. Council, City Hall, installing, furnishing traffic signal system in southerly section city to connect with present system. $50,000. J. C. Maulbeck, City Hall, engr.

ENTRANCE STRUCTURE — **Detroit, Mich.**—Washington Memorial Park Cemetery, c/o A. E. Harley, archt., 316 McKerchey Bldg., improving cemetery, incl. brick, concrete entrance structure, artificial lagoon with concrete base, sprinkler system and piping. $50,000.

SHIPPING DOCK — **Saginaw, Mich.** — Chevrolet Motor Car Co., Saginaw and General Motors Bldg., Detroit, shipping dock, incl. bulkhead, craneway, gantry crane with rein.-con. wall, slab dock on wood piles, dredging channel in Saginaw River. $50,000.

GAS MAINS—**Minneapolis, Minn.**—See "Buildings—Industrial."

FISH HATCHERY—**San Angelo, Tex.**—C. Wild, et al, St. Angelus Hotel Bldg., San Angelo, fish hatchery, rein.-con., near here. $50,000. Private plans.

HYDRO POWER DEVELOPMENT — **High Falls, Que.**—D. MacLaren and others, Buckingham, hydro power development, incl. large concrete dam, power house on Lievre River. $1,500,000.

Bids Desired

ATHLETIC FIELD — **Woburn, Mass.** — City, J. McDermott, engr., City Hall, taking bids athletic field on High School Grounds. $30,000. W. H. Punchard, 19 Arlington St., Boston, archt.

SUBWAY—**Brooklyn, N. Y.**—Oct. 26, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, constructing Sect. 6, Route 109, Rapid Transit R.R. along and under Prospect Ave. from point at or near Terrace Pl. to Greenwood Ave. and under private property and intersecting streets to East 3rd St. near Caton Ave.

BULKHEAD — **Maryland** — Oct. 23, by State Roads Comn., Baltimore, 450 ft. timber bulkhead, Contr. Wi-49, Wicomico Co J. N. Mackall, chn.

ENTRANCE GATE — **Detroit, Mich.** — Donaldson & Meier, archts., 1st Natl. Bank Bldg., taking bids and open same about Oct. 24, 1 story entrance gate structure, 70 ft. high, 167 ft. wide, concrete, steel, stone incl. waiting room and office, plain found., Ten Mile Rd., for Holy Sepulchre Cemetery, 1234 Washington Blvd. $175,000.

ORNAMENTAL LIGHTING SYSTEM—**Los Angeles, Calif.** — Oct. 29, by Supervs. Los Angeles Co., ornamental lighting system in Davidson City section. To exceed $30,000. Noted Sept. 13.

ELECTROLIER SYSTEM — **Oakland, Calif.** — Oct. 25, by F. C. Merritt, city clk., electrolier system in Clay and Washington Sts. Former bids rejected. G. N. Randle, city engr. Noted Sept. 20.

APRON WHARF—**San Pedro, Calif.**—Oct. 24, by Harbor Comn., New City Hall, Los Angeles, 32 x 192 ft. creosoted timber addition to apron wharf, Berth 174. G. Nicholson, Berth 90, engr. Major portion materials furnished by city.

Bids Received

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Oct. 9, constructing Sect. 5-A, Route 109, Rapid Transit R.R., from Columbia Contg. Co., 223 Bway., New York, $1,844,000. Noted Oct. 4.

SUBWAY—**Long Island City, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Oct. 11, constructing Sect. 2, Route 108, under Northern Blvd. (Jackson Ave.) and Steinway Ave., from J. F. Cogan Co., Grand Central Terminal, New York, $8,245,000. Noted Sept. 20.

Contracts Awarded

SUBWAY—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn. 49 Lafayette St., Sect. 3, Route 106, under Grand Boulevard and Concourse from East 167th to East 175th Sts., to Clemente Contg. Co., 101 Park Ave., $4,813,000. Noted Sept. 20.

PIER SHED—**Baltimore, Md.**—At office City Register, City Hall, 1 story, 1,000 ft. long, concrete, piling, decking, filling, steel, tile and brick pier shed, to North-Eastern Contg. Co., Lexington Bldg., $956,450. Noted Sept. 20.

UNDERPASS — **Birmingham, Ala.** — See "Streets and Roads."

UNDERPASS—**Prestonburg, Kan.** — See "Bridges."

GAS LINE EXTENSION — **Fort Smith, Ark.** — Citizens Gas Co., C. H. Harding, pres., 23,639 ft. 4 in. gathering pipe, 30,650 ft. 4- to 6-in. welded delivery line, 12 high pressure gate valves, 2 high pressure regulators, steel cable connections, clamp headers, reducers, day labor. Pipe awarded to Joseph Greenspons Sons Iron & Steel Co., 3130 North Hall St., St. Louis, Mo. Total $70,000. Hughes Eng. Co., 422½ Boston St., Tulsa, Okla., engrs.

GAS PIPE LINE — **Texas and Nebraska** —Texas Corp., 17 Battery Pl., New York, Columbian Carbon Co., 45 East 42nd St., New York and Skelly Oil Co., Skelly Bldg., Tulsa, Okla., 500 mi. 24 in. electrically welded pipe for natural gas pipe line from Amarillo, Tex., to Omaha, Neb., to A. O. Smith Corp., 120 Bway., New York, $8,000,000-$9,000,000. Total est. $25,000,000. Noted Mar. 22.

STEEL TANKS—**Big Lake, Tex.**—Big Lake Refinery Co., 20 bolted tanks from 100 to 1,000 bbl. capacity, to Drane-Humphrey Co., San Angelo, $30,000.

PIPE LINE—**Oklahoma, Missouri and Illinois**—Sinclair Oil Co., Sinclair Bldg., Tulsa, 336 mi. 8 to 12 in. oil pipe line from Drumright, Okla., to Chicago, Ill., to Hope Eng. Co., c/o owner. Noted Aug. 9.

DOCK—**Oakland, Calif.**—General Eng. & Drydock Co., foot of Schiller St., 600 ft. creosoted pile wharf, 30 ft. wide, foot of 5th Ave., to Duncanson-Harrelson, DeYoung Bldg., San Francisco.

TRAINING CAMP—**San Luis Obispo, Calif.**—Oct. 26, by U. S. Disbursing Officer, 1021 Forum Bldg., Sacramento, 15 kitchens and mess halls, 1 truck storage building, extending water sewer and electric lines at National Guard Training Camp, for State and Federal Government. $57,176. G. B. McDougal, Sacramento, state archt. Noted Oct. 4.

Materials

Bids Desired

CAST IRON PIPE—**Herkimer, N. Y.**—Oct. 29, by Municipal Comn., cast iron pipe. C. L. Wood, supt.

LUMBER—**Knoxville, Ia.**—Nov. 14, at office Auditor Marion Co., 5 car loads rough standard sawn fir plank, 1 car creosoted 3/12 yellow pine plank, 1 car load creosoted yellow pine or Tennessee red cedar piling. R. T. Johnson, Knoxville, co. engr.

PORTLAND CEMENT—**Merced, Calif.**—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Contracts Awarded

QUARRY STONE — **Wisconsin** — State and La Crosse Co. Hy. Comns., Madison, 1,600 cu.yd. quarry stone for LaCrosse-Coon Valley Rd., Project 5145, east of Bloomers Mills, to G. W. Ott, La Crosse $10,464; 1,800 cu.yd. for same road west of Bloomers Mills, to R. Schams, West Salem, $13,140.

TANKS — **Minneapolis, Minn.** — F. S. Gram, city purch. agt., three 25,000 gal. oil tanks for Ward 13, to William Bros. Boiler & Mfg. Co., Nicolet Island, $4,732. Noted Aug. 30.

PIPE—**Texas and Nebraska**—See "Unclassified."

Foreign

Spain — Segura & Jugar Hydro-electric Development Co., five 20,000 kw. plants, on Segura and Jugar Rivers, in southeastern Spain, to Fox Bros. International Corp., 33 Rector St., New York, N. Y. Est. $20,000,000.

See Proposal advertising on page 134

Constr. News page 215

UNIT PRICES

Tunnel—New York

Seven bids were opened by Board of Water Supply, Municipal Bldg., New York, Sept. 25, portion of city tunnel No. 2 in City of Yonkers, Westchester Co., and Borough of Bronx, Contract No. 224, difference between lowest and average 12 per cent. This portion of work consists of four contracts, Nos. 224, 225, 226 and 227, totaling $42,000,000. Bidders on Contract No. 224 are: (A) Carleton Co., Inc., Bway. and 42nd St.; (B) G. H. Flinn Corp., 9 East 41st St.; (C) Patrick McGovern, Inc., 50 East 42nd St., (awarded contract all sections); (D) P. F. Connolly Co., 9 Jackson Ave., Long Island City; (E) J. F. Cogan Co., Grand Central Terminal; (F) Rosoff Tunnel Corp., 475 5th Ave.; (G) Heyman & Goodman Co., 249 West 50th St. Unit bids follow:

		A	B	C	D	E	F	G
1,000	lin.ft. test borings	$8.00	$6.00	$7.00	$10.00	$10.00	$7.00	$6.00
6,500	cu.yd. sinking shafts 1A North, 1A South, 2A North and 2A South in earth	6.84	12.00	38.65	20.00	50.00	30.00	50.00
700	cu.yd. sinking shaft 3A and chamber foundation piers in earth	7.80	20.00	11.50	10.00	50.00	30.00	50.00
43,000	cu.yd. sinking shafts in rock	19.67	20.00	19.50	40.00	50.00	40.00	50.00
335,000	cu.yd. excav. of tunnel drifts and underground magazines	12.22	14.20	13.00	13.20	15.00	14.00	14.00
4,000	cu.yd. enlargements of shafts, tunnel and drifts	13.40	14.00	11.70	15.00	10.00	14.50	20.00
1,800,000	lb. furnishing and erect'g struct.-steel roof support	.08-1-10	.04½	.06½	.05	.03	.06	.09
150	M ft. B.M. permanent timbering in tunnel, drifts and underground magazines	150.00	69.00	130.00	200.00	60.00	125.00	140.00
300	ft. B.M. temp. timb'r'g in shafts, tunnel and drifts	150.00	69.00	115.00	150.00	60.00	125.00	300.00
4,000	cu.yd. dry packing in tunnel and drifts	6.00	3.00	5.00	5.00	2.00	5.00	10.00
200,000	million ft.-gal. pumping from shafts and tunnel during construction	.35	.10	.30	.50	.40	.30	.60
25,700	lin.ft. of shafts, tunnel and drifts, drainage channel for shafts, tunnel and drifts	2.50	.40	2.50	3.00	2.00	6.00	4.00
650	sq.ft. cutting channels for water-stops	5.00	5.00	.25	1.50	4.00	3.00	10.00
1,300,000	lb. steel interlining in Shafts 1A North and 2A So.	.11	.08	.07½	.08	.15	.14	.12
280,000	lb. steel interlining in risers	.12	.08	.07½	.10	.15	.20	.12
700	lin.ft. of shaft forms for masonry lining of Shaft 1A North	10.30	25.00	11.20	10.00	12.00	17.00	15.00
900	lin.ft. of shaft forms for masonry lining of Shafts 1A South and 1A North	10.30	20.00	9.50	10.00	15.00	18.00	12.00
1,000	lin.ft. of shaft forms for masonry lining of Shaft 2A South	11.00	20.00	8.50	10.00	10.00	17.00	12.00
1,250	lin.ft. of shaft forms for outer masonry lining of Shafts 2A and 4A	12.00	15.00	7.50	10.00	12.00	14.00	12.00
700	lin.ft. of riser forms for lining steel risers	15.00	15.00	8.00	10.00	4.00	15.00	5.00
22,000	lin.ft. of tunnel and drifts forms for masonry lining of tunnel and drifts	13.50	10.00	12.50	3.00	15.00	17.00	4.00
21,000	cu.yd. conc. masonry in shafts	9.00	11.00	14.80	13.50	10.00	18.00	15.00
120,000	cu.yd. conc. masonry in tunnel, drifts and underground magazines	8.40	11.00	13.85	13.00	10.00	12.00	10.80
5,000	cu.yd. exc. conc. mas'nry in shafts, tunnel and drft.	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Venturi meter castings and fittings, (lump sum)		20,000.00	17,800.00	16,200.00	25,000.00	15,000.00	18,000.00	
2,000	lin.ft. drilling 1¼-in. or smaller holes in rock or masonry	.75	1.00	.70	1.00	1.00	.30	2.00
5,000	lin.ft. drilling 1¾-in. to 2¼-in. holes in rock or masonry	1.00	2.00	.70	2.00	1.50	.60	2.00
15,000	lin.ft. steel pipes for grouting	.50	.50	.35	.50	.30	.30	1.00
Plant and equipment for grouting (lump sum)		40,000.00	16,000.00	12,000.00	5,000.00	15,000.00	60,000.00	
3,000	connections making connections for grouting	3.00	3.00	2.50	2.50	1.50	1.00	5.00
6,000	ton sand for grout	2.10	4.00	4.25	2.50	5.00	4.00	5.00
10,000	cu.yd. mixing and placing grout	12.00	7.50	15.60	15.00	5.00	13.00	15.00
18,000	cu.yd. removal of soil	5.78	7.70	.75	1.50	3.00	3.00	2.00
60,000	cu.yd. earth excav. in open cut	7.72	9.95	8.60	3.00	3.00	3.00	8.00
1,500	cu.yd. rock excav. in open cut	13.12	13.15	11.00	8.00	7.00	6.00	15.00
175,000	cu.yd. embanking and refilling	.48	.30	.10	.75	.10	1.50	.80
18,000	cu.yd. surface dressing and grassing	2.50	2.50	2.00	2.00	1.50	3.00	2.00
5,000,000	lb. steel sheet piling	.04½	.04-1-10	.03½	.06	.03	.07	.04
1,200	M ft. B.M. timber and lumber in open cut	100.00	78.00	125.00	100.00	60.00	125.00	100.00
1,000	concrete piles	60.00	40.00	60.00	60.00	40.00	55.00	60.00
2,000	lin.ft. add. lgth. of conc. piles in excess of 20 ft.	3.30	1.70	5.00	3.50	5.00	3.00	5.00
18,000	cu.yd. conc. masonry in open cut	17.00	18.00	17.80	20.00	10.00	15.00	15.00
1,300	cu.yd. reinf. conc. in chambers	20.00	22.00	17.80	25.00	12.00	20.00	30.00
6,500	cu.yd. reinf. conc. in conduits	20.00	19.00	17.80	20.00	15.00	20.00	20.00
1,800	sq.yd. granolithic finish	.50	1.80	2.00	2.00	1.50	3.00	3.00
200	cu.yd. brick masonry	35.00	30.00	50.00	30.00	30.00	40.00	60.00
350,000	bbl. portland cement	2.75	2.50	2.60	2.50	2.75	3.00	3.00
7,000	bbl. special portland cement	3.30	3.00	3.10	3.25	6.00	4.50	6.00
2,000	bbl. high alumina cement	6.50	6.00	5.70	6.50	7.00	9.00	10.00
1,500,000	lb. steel for reinforcing conc.	.05½	.05	.05	.05	.06	.08	.05
1,100,000	lb. structural steel	.08-6-10	.05½	.07½	.06	.08	.08	.08
60,000	lb. galvanized sheet steel	.10	.11	.07½	.10	.06	.10	.15
Doors and windows of temporary structures (lump sum)		6,000.00	1,100.00	3,500.00	5,000.00	1,000.00	4,000.00	....

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